

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U020222\
 Data File : U046994.D
 Acq On : 02 Feb 2022 11:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

Quant Time: Feb 03 02:52:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 03:49:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	107550	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	123583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	66861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48944	5.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.922	69	37836	5.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.575	65	19772	5.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.000%
20) 2-Butanone-d5	4.646	46	118843	44.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.040%
24) Chloroform-d	5.070	84	81699	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.707	65	42151	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.732	84	157218	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.694	67	48544	4.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.903	98	142711	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.182	79	19694	4.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.639	63	105256	37.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46973	4.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	49989	3.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	47208	4.666	ug/L	100
3) Chloromethane	1.527	50	48647	5.839	ug/L	96
5) Vinyl chloride	1.610	62	48977	5.647	ug/L	100
6) Bromomethane	1.864	94	28928	5.330	ug/L	98
8) Chloroethane	1.941	64	29822	5.973	ug/L	100
9) Trichlorofluoromethane	2.147	101	61529	5.822	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	36611	5.826	ug/L	98
12) 1,1-Dichloroethene	2.588	96	33204	5.529	ug/L	96
13) Acetone	2.671	43	73508	50.059	ug/L	100
14) Carbon disulfide	2.803	76	102524	5.198	ug/L	99
15) Methyl Acetate	2.964	43	14610	4.555	ug/L	93
16) Methylene chloride	3.054	84	37959	5.234	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	75998	4.510	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	32878	5.055	ug/L	98
19) 1,1-Dichloroethane	3.877	63	62718	5.744	ug/L	97
21) 2-Butanone	4.726	43	106390	45.051	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	34745	5.064	ug/L	98
23) Bromochloromethane	4.980	128	16465	4.877	ug/L	95
25) Chloroform	5.096	83	65637	3.787	ug/L	99

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005184

Quant Time: Feb 03 02:52:06 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

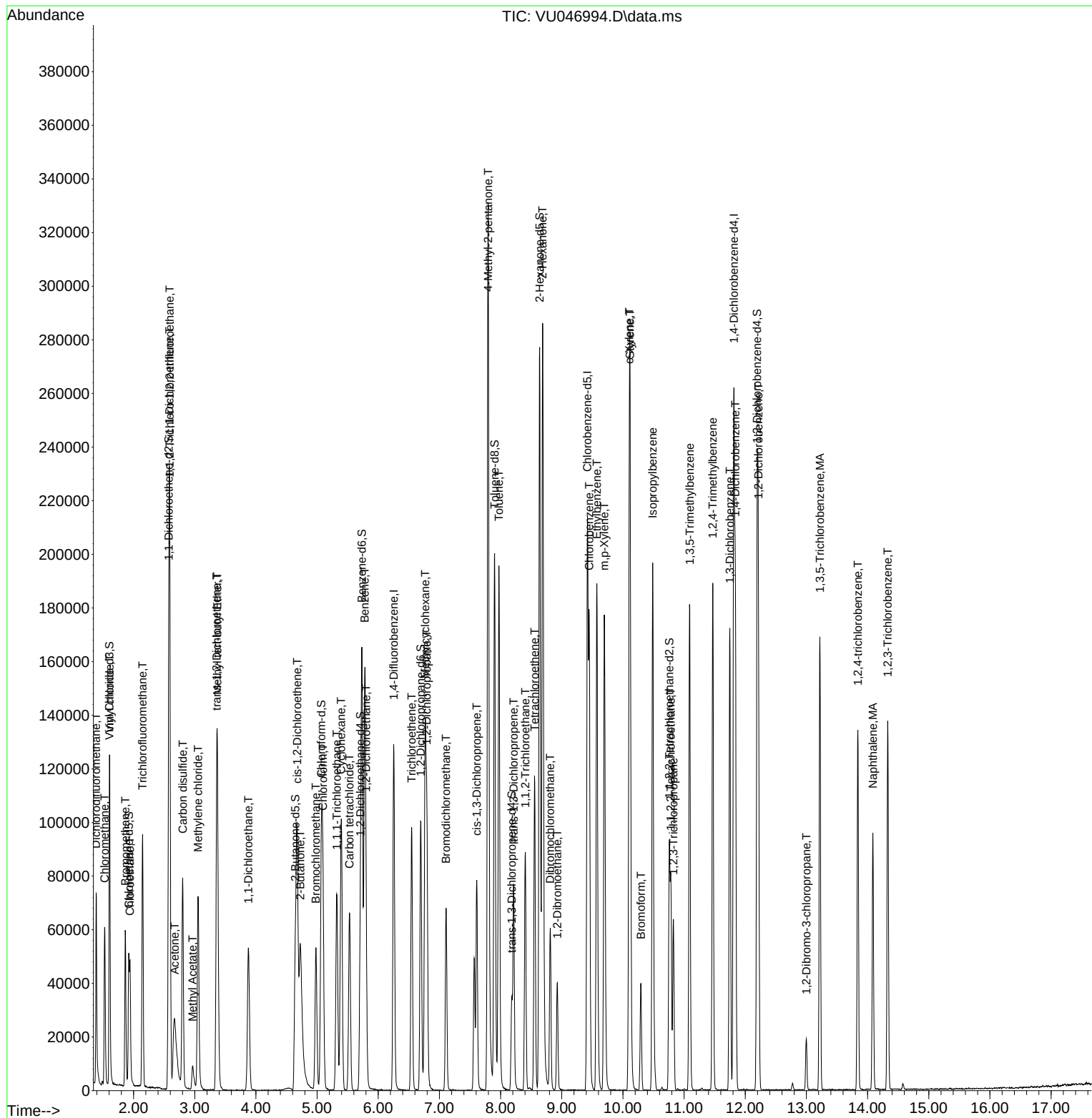
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	41847	5.470	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	55127	4.953	ug/L	98
30) Cyclohexane	5.395	56	46901	4.154	ug/L	98
31) Carbon tetrachloride	5.530	117	46290	4.847	ug/L	98
33) Benzene	5.781	78	141717	4.871	ug/L	100
34) Trichloroethene	6.546	95	34298	4.540	ug/L	99
35) Methylcyclohexane	6.768	83	49240	3.891	ug/L	99
37) 1,2-Dichloropropane	6.793	63	37733	5.286	ug/L	99
38) Bromodichloromethane	7.108	83	45184	4.399	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	46660	4.190	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	228762	43.717	ug/L	99
42) Toluene	7.973	91	151155	4.346	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	44539	4.489	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	28002	4.611	ug/L	96
47) Tetrachloroethene	8.555	164	26507	4.314	ug/L	89
48) 2-Hexanone	8.687	43	185559	46.980	ug/L	98
49) Dibromochloromethane	8.813	129	31636	4.416	ug/L	98
50) 1,2-Dibromoethane	8.928	107	27605	4.485	ug/L	98
51) Chlorobenzene	9.449	112	91734	4.542	ug/L	100
52) Ethylbenzene	9.575	91	145270	4.394	ug/L	100
53) m,p-Xylene	9.697	106	57174	4.338	ug/L	99
54) o-Xylene	10.105	106	53041	4.152	ug/L	95
55) Styrene	10.118	104	93888	4.492	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	38265	4.686	ug/L	95
59) Bromoform	10.295	173	17721	4.304	ug/L	99
60) Isopropylbenzene	10.488	105	138701	4.453	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28216	4.981	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	100712	3.939	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	105209	3.999	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	70494	4.528	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	71766	4.580	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	67939	4.512	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	5300	4.507	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	49796	4.057	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	40230	3.921	ug/L	99
71) Naphthalene	14.086	128	75089	3.594	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	39726	4.099	ug/L	97

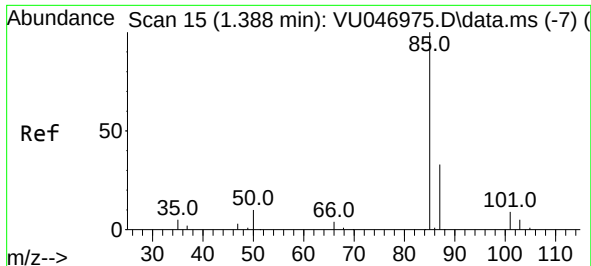
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
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 ClientSampleId :
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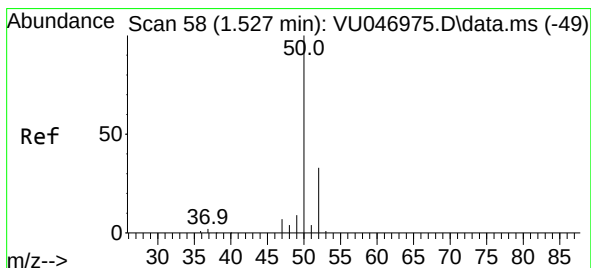
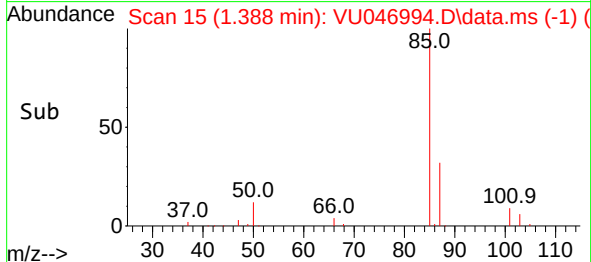
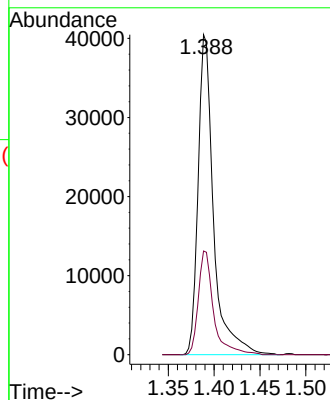
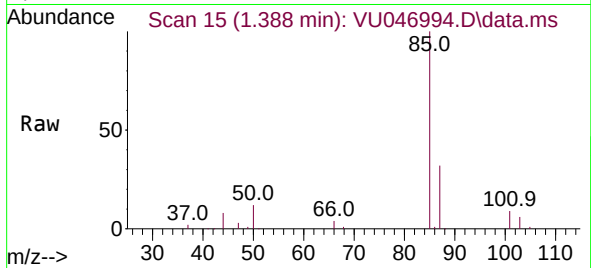




#2
Dichlorodifluoromethane
Concen: 4.666 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

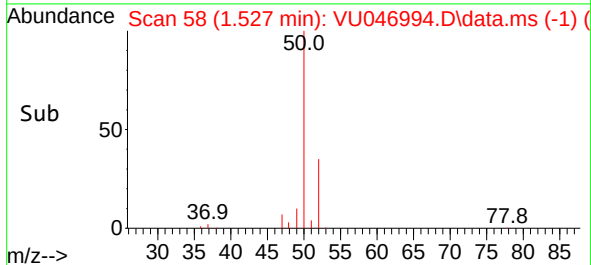
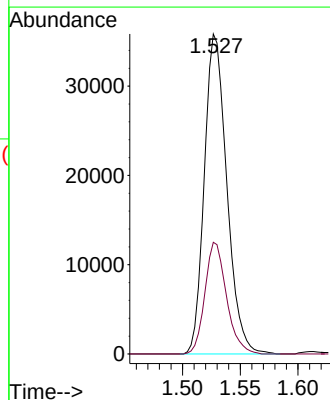
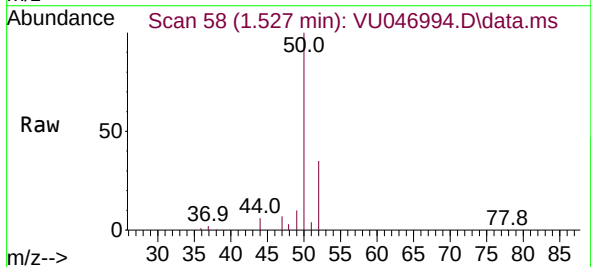
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

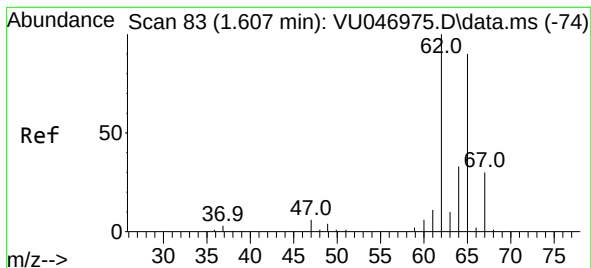
Tgt Ion: 85 Resp: 47208
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.6



#3
Chloromethane
Concen: 5.839 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion: 50 Resp: 48647
Ion Ratio Lower Upper
50 100
52 34.9 23.0 42.8





#5

Vinyl chloride

Concen: 5.647 ug/L

RT: 1.610 min Scan# 84

Delta R.T. 0.003 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

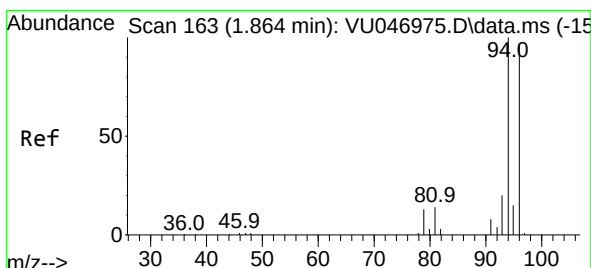
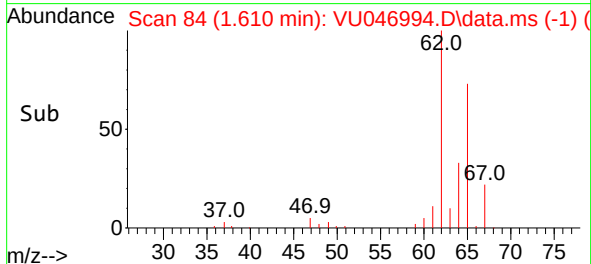
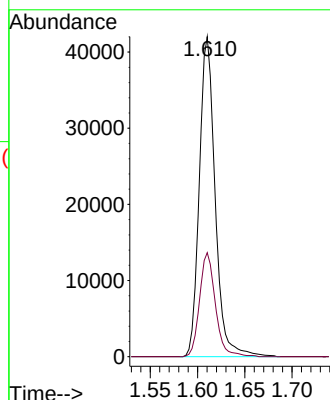
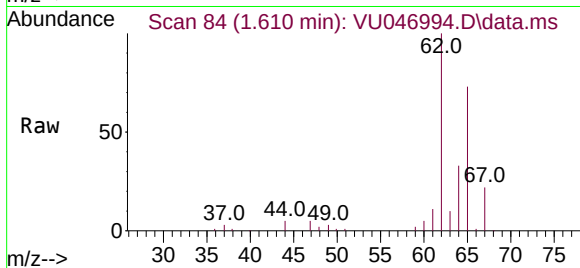
VSTD005184

Tgt Ion: 62 Resp: 48977

Ion Ratio Lower Upper

62 100

64 32.5 22.9 42.5



#6

Bromomethane

Concen: 5.330 ug/L

RT: 1.864 min Scan# 163

Delta R.T. -0.000 min

Lab File: VU046994.D

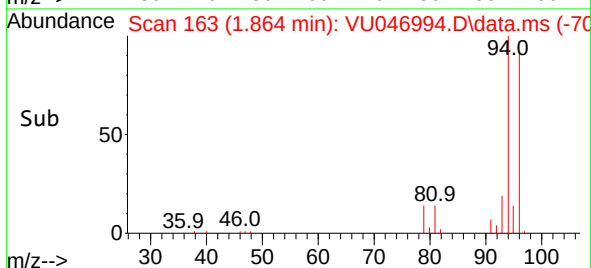
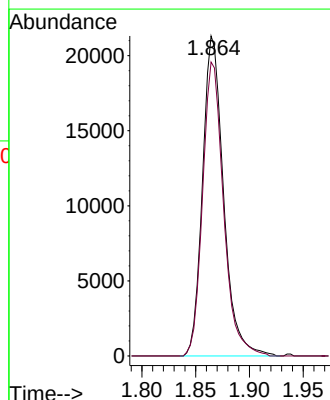
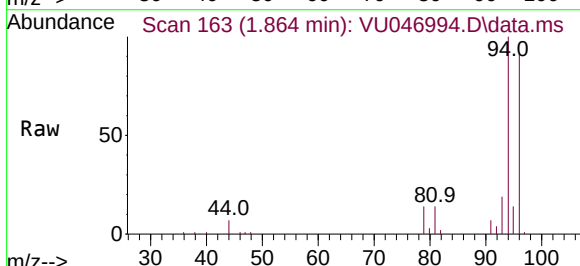
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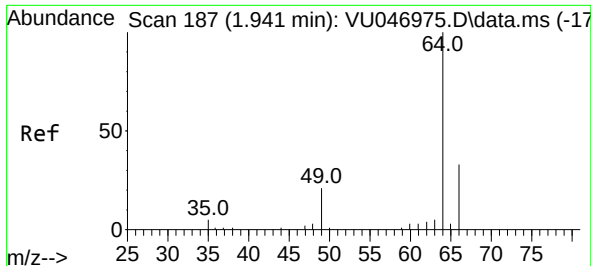
Tgt Ion: 94 Resp: 28928

Ion Ratio Lower Upper

94 100

96 91.9 65.5 121.6

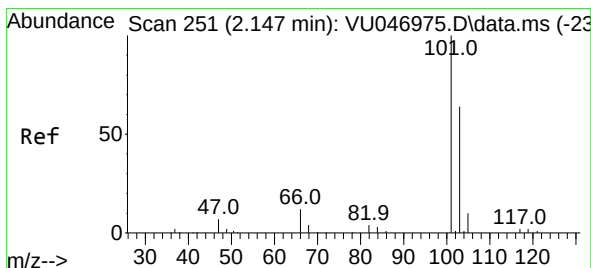
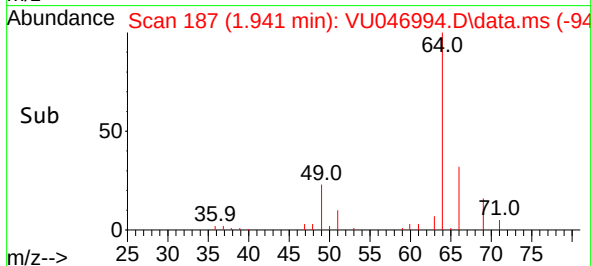
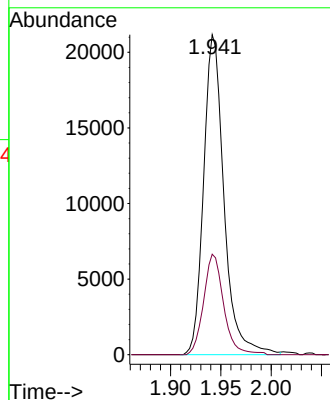
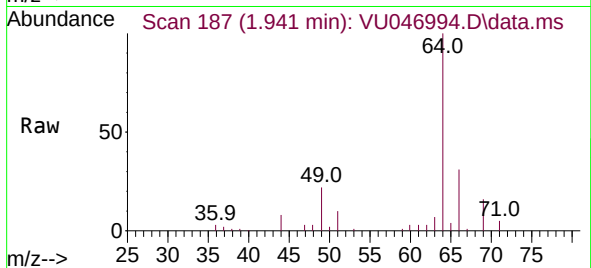




#8
Chloroethane
Concen: 5.973 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

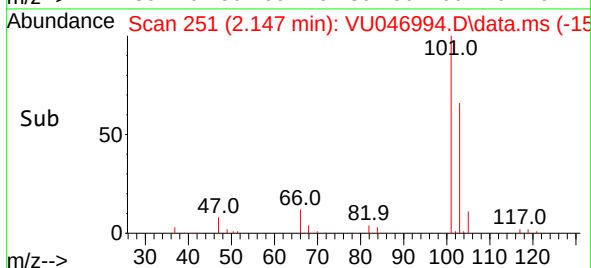
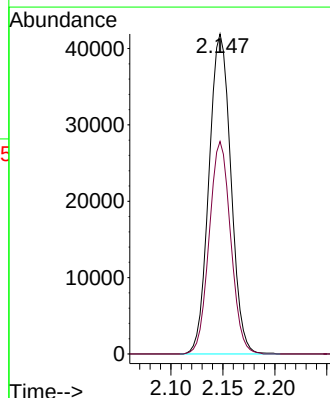
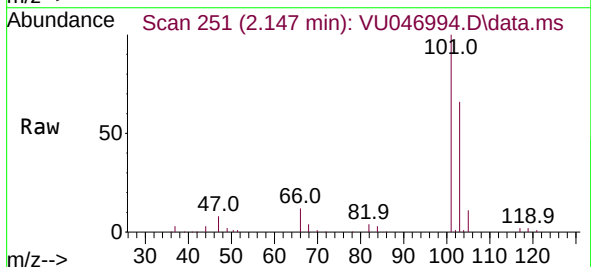
Instrument :
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VSTD005184

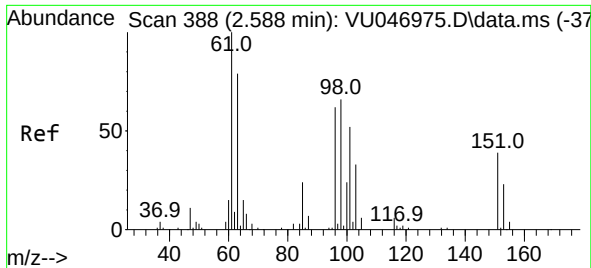
Tgt Ion: 64 Resp: 29822
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.822 ug/L
RT: 2.147 min Scan# 251
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion:101 Resp: 61529
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

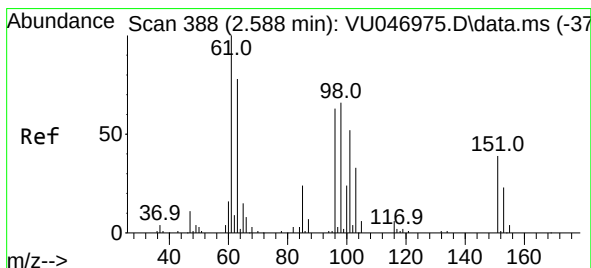
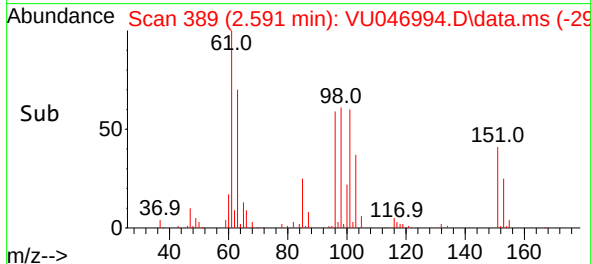
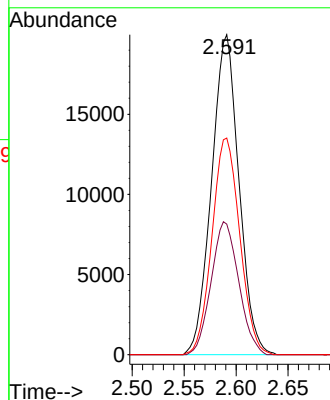
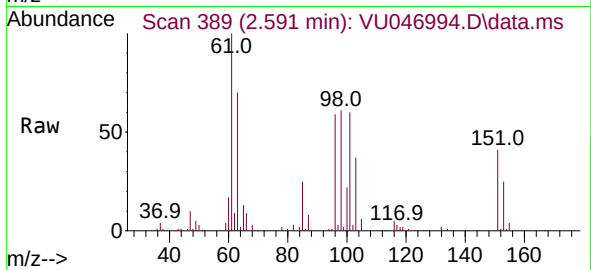




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.826 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

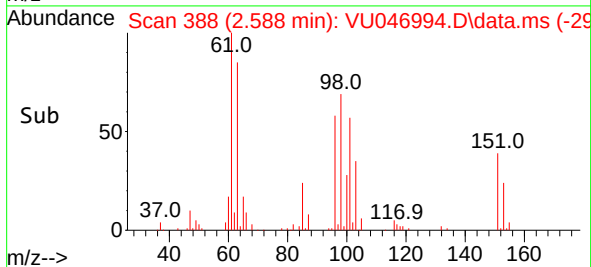
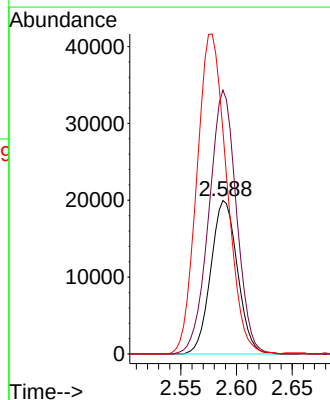
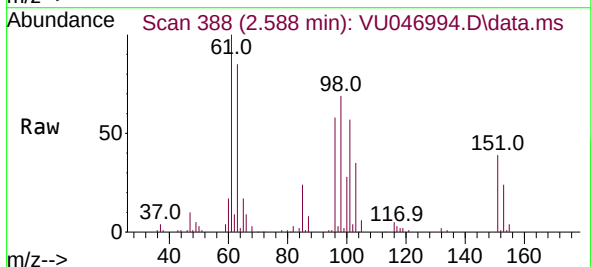
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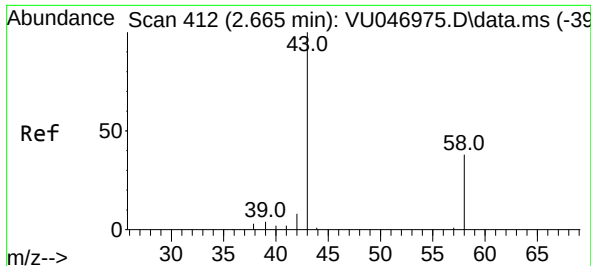
Tgt Ion:101 Resp: 36611
Ion Ratio Lower Upper
101 100
85 41.8 34.6 51.8
151 68.6 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.529 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion: 96 Resp: 33204
Ion Ratio Lower Upper
96 100
61 171.9 124.7 231.5
63 145.5 105.2 195.4





#13

Acetone

Concen: 50.059 ug/L

RT: 2.671 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

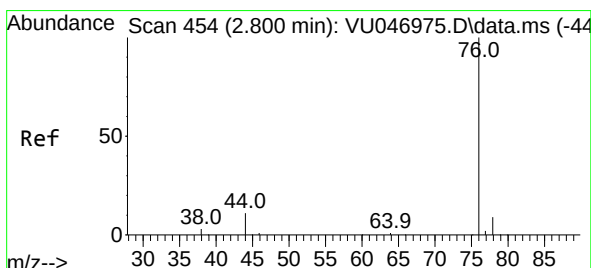
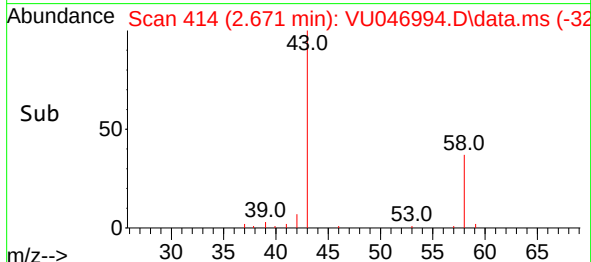
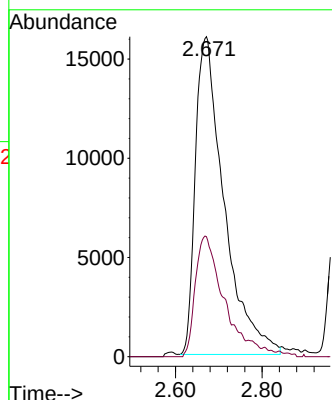
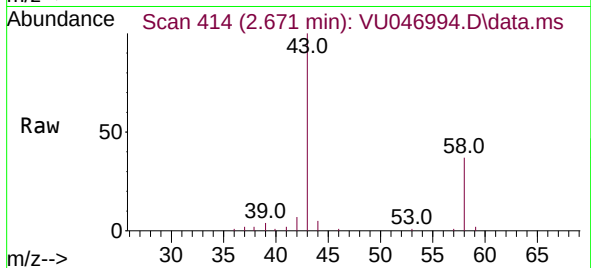
VSTD005184

Tgt Ion: 43 Resp: 73508

Ion Ratio Lower Upper

43 100

58 35.8 0.0 71.6



#14

Carbon disulfide

Concen: 5.198 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.003 min

Lab File: VU046994.D

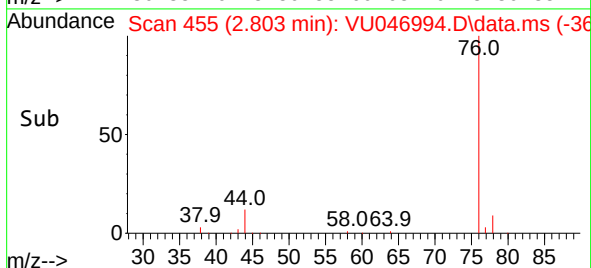
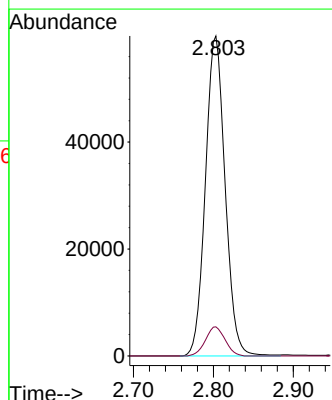
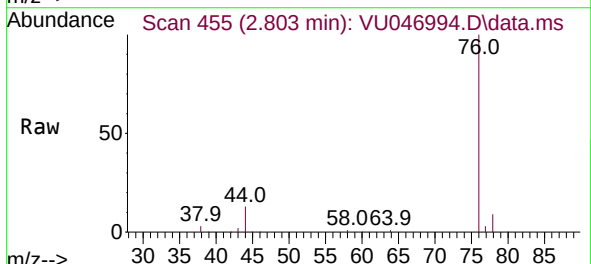
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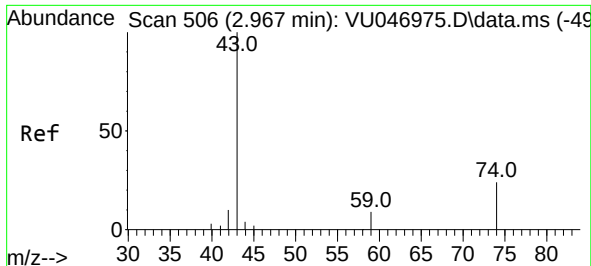
Tgt Ion: 76 Resp: 102524

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

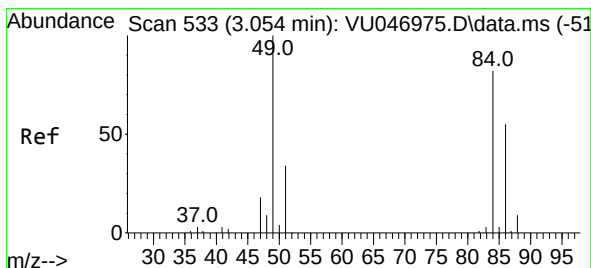
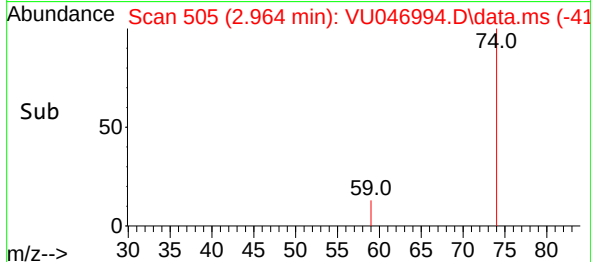
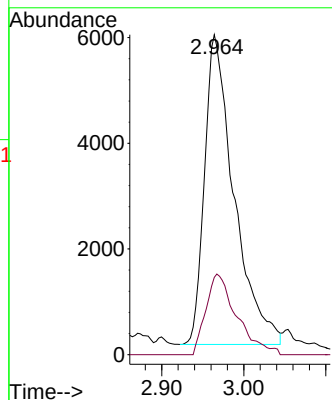
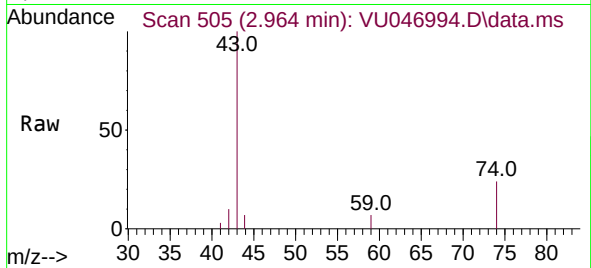




#15
Methyl Acetate
Concen: 4.555 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.006 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

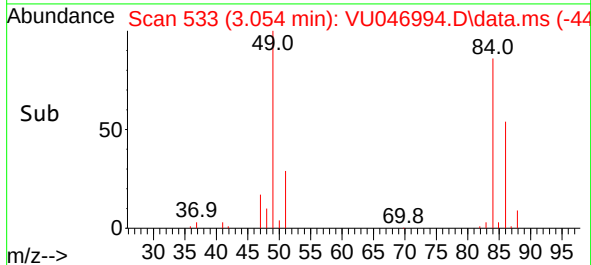
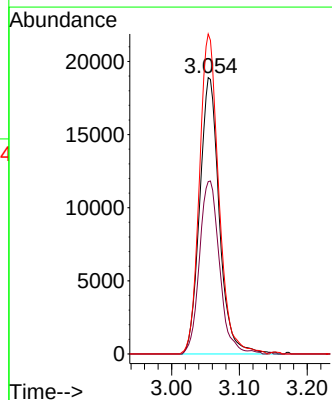
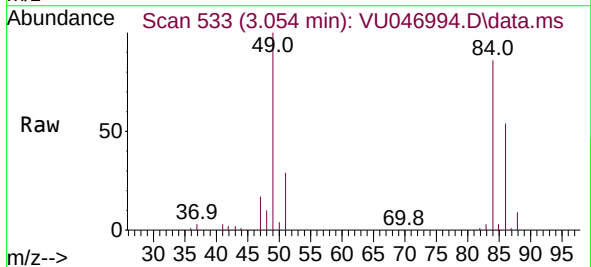
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

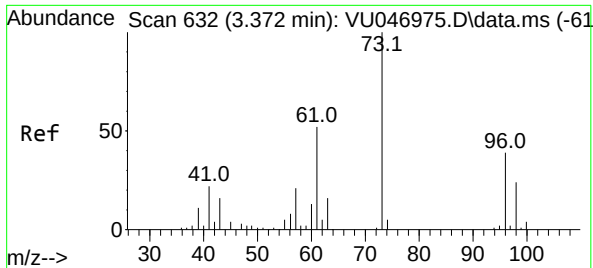
Tgt Ion: 43 Resp: 14610
Ion Ratio Lower Upper
43 100
74 27.3 19.1 28.7



#16
Methylene chloride
Concen: 5.234 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion: 84 Resp: 37959
Ion Ratio Lower Upper
84 100
86 62.4 45.8 85.0
49 115.8 84.5 156.9

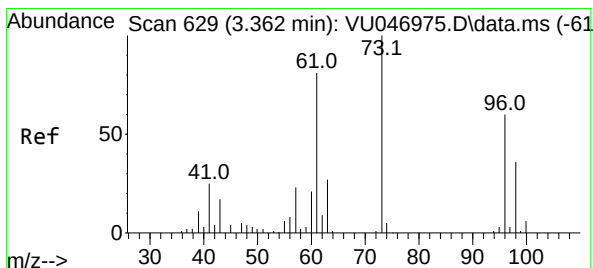
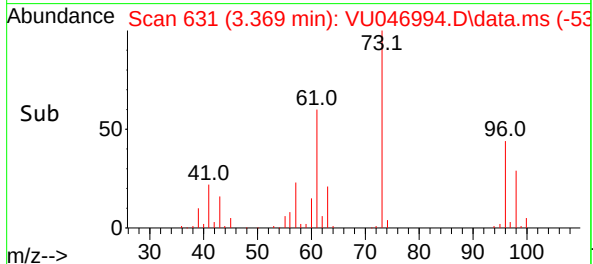
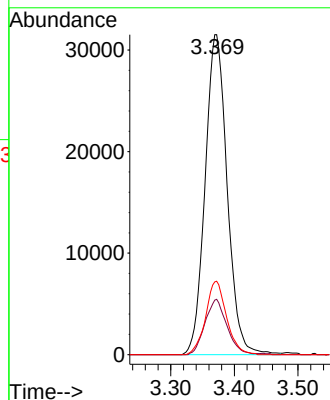
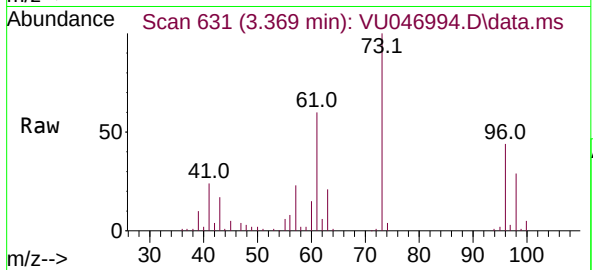




#17
Methyl tert-butyl Ether
Concen: 4.510 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

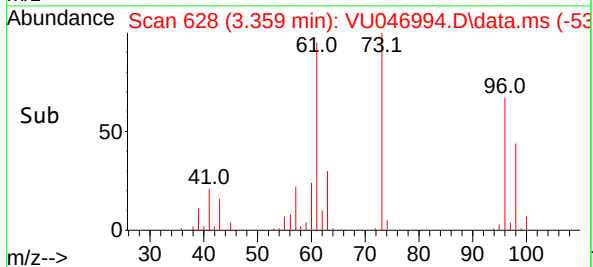
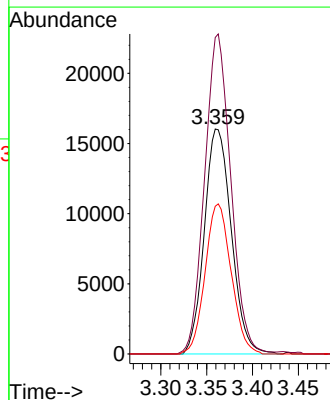
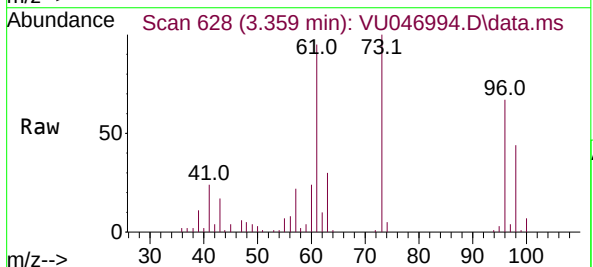
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

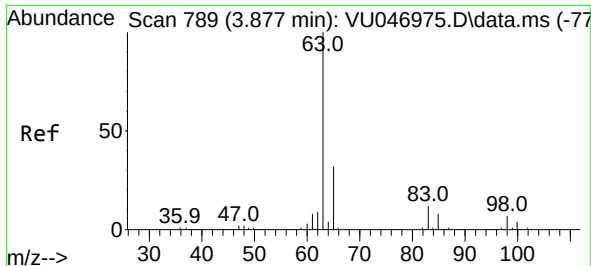
Tgt Ion: 73	Resp:	75998
Ion	Ratio	Lower Upper
73	100	
43	17.2	14.8 22.2
57	21.8	17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.055 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion: 96	Resp:	32878
Ion	Ratio	Lower Upper
96	100	
61	140.7	100.8 187.2
98	65.7	45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.744 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD005184

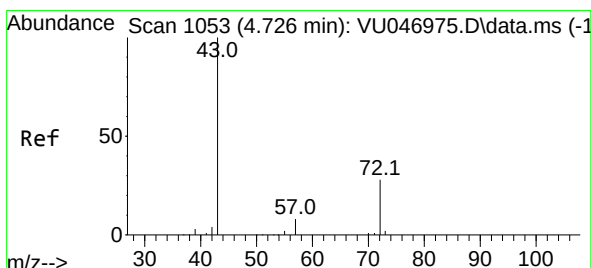
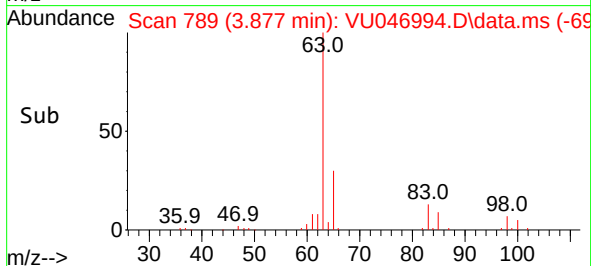
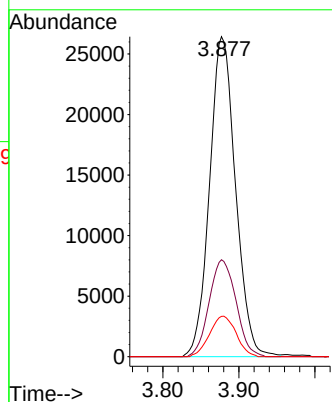
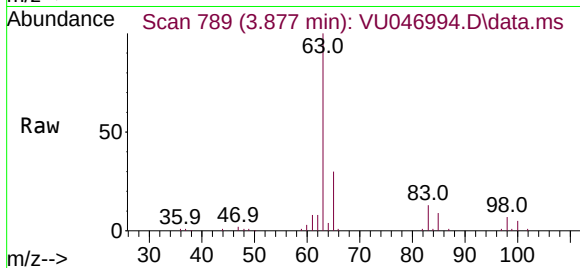
Tgt Ion: 63 Resp: 62718

Ion Ratio Lower Upper

63 100

65 30.3 22.3 41.5

83 12.6 9.6 17.8



#21

2-Butanone

Concen: 45.051 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. -0.010 min

Lab File: VU046994.D

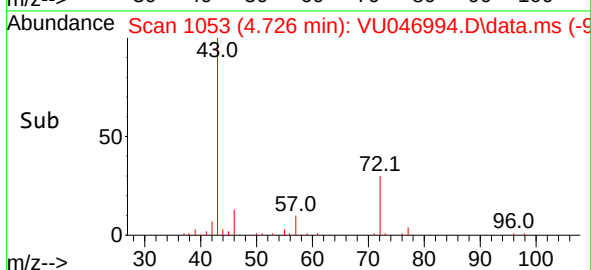
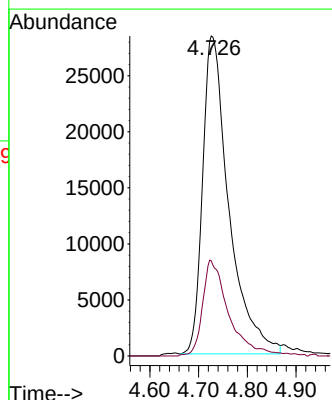
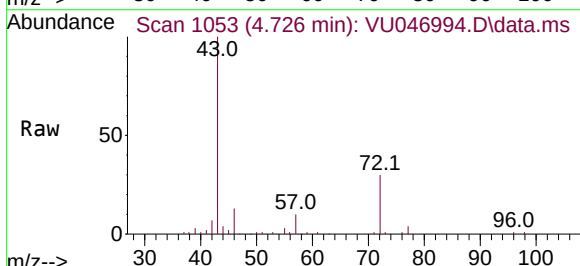
Acq: 02 Feb 2022 11:13

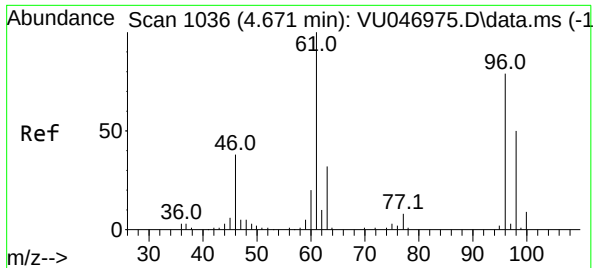
Tgt Ion: 43 Resp: 106390

Ion Ratio Lower Upper

43 100

72 29.8 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.064 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD005184

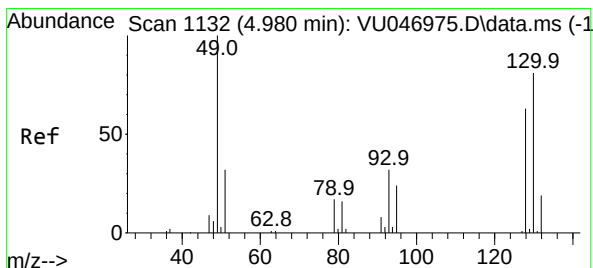
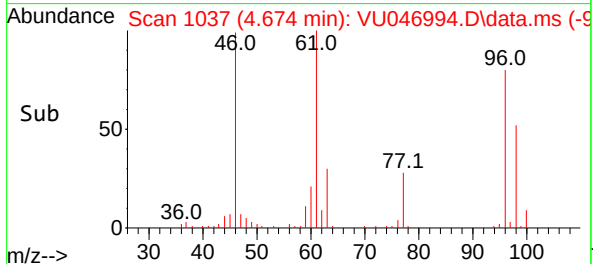
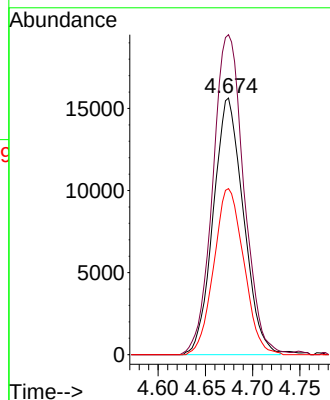
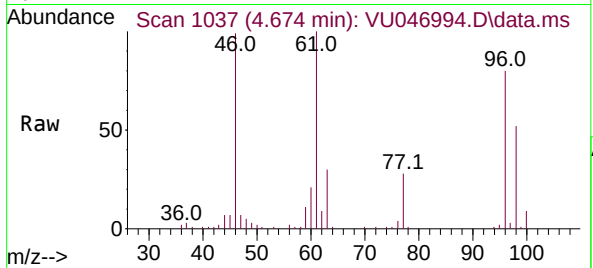
Tgt Ion: 96 Resp: 34745

Ion Ratio Lower Upper

96 100

61 124.7 88.5 164.3

98 64.7 44.4 82.5



#23

Bromochloromethane

Concen: 4.877 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Tgt Ion: 128 Resp: 16465

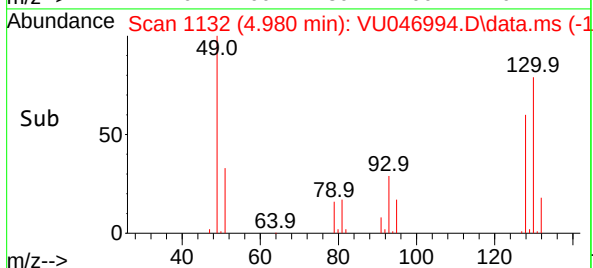
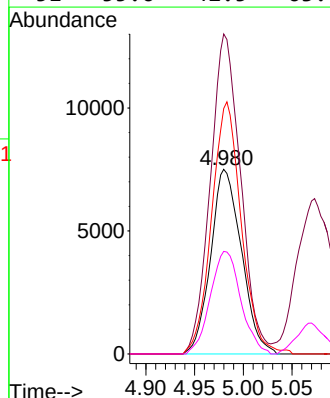
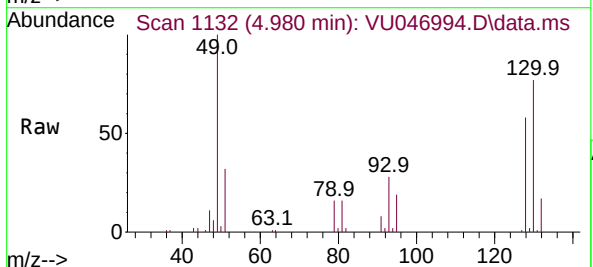
Ion Ratio Lower Upper

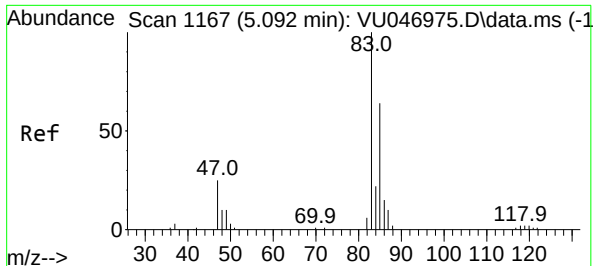
128 100

49 173.4 117.0 217.2

130 132.9 88.2 163.8

51 55.6 42.5 63.7





#25

Chloroform

Concen: 3.787 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

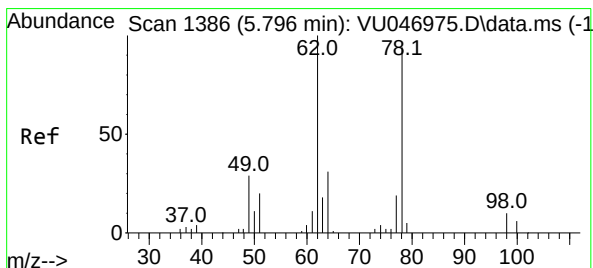
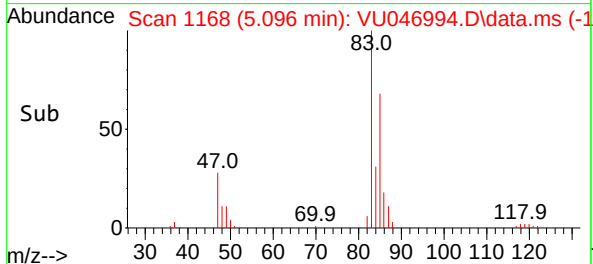
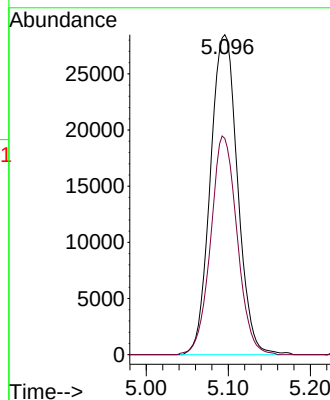
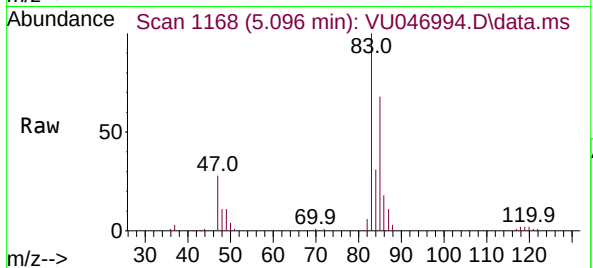
VSTD005184

Tgt Ion: 83 Resp: 65637

Ion Ratio Lower Upper

83 100

85 67.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.470 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046994.D

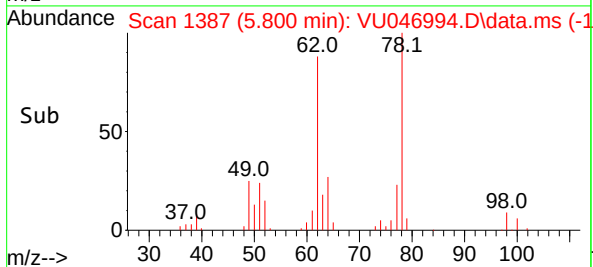
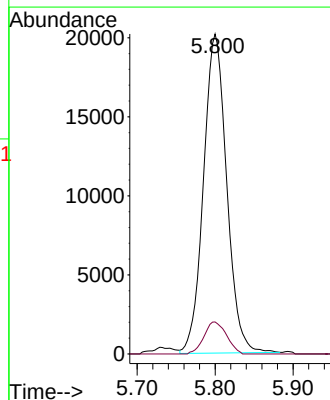
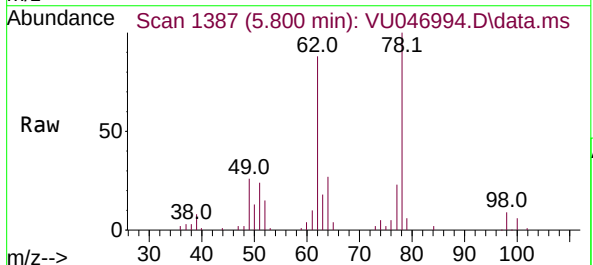
Acq: 02 Feb 2022 11:13

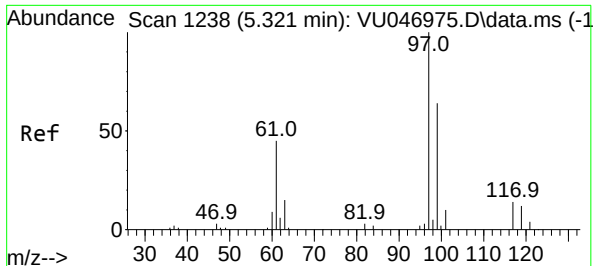
Tgt Ion: 62 Resp: 41847

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.953 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD005184

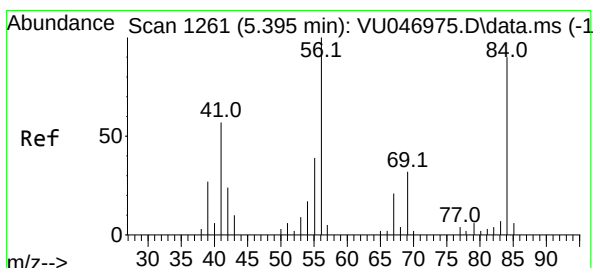
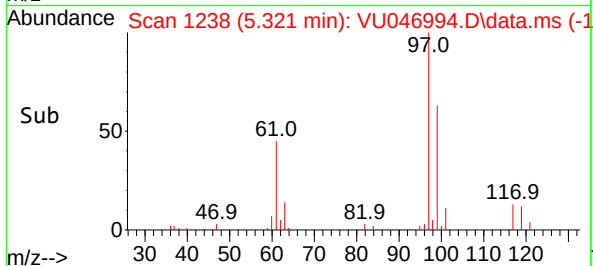
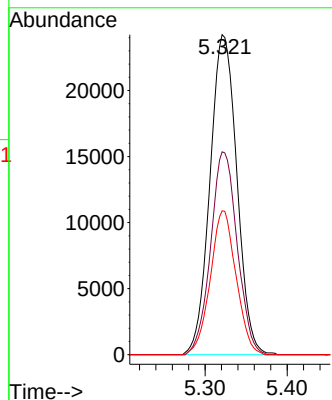
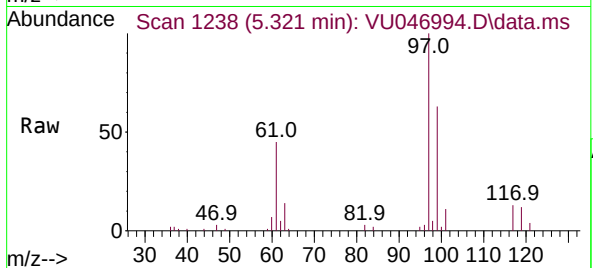
Tgt Ion: 97 Resp: 55127

Ion Ratio Lower Upper

97 100

99 62.7 51.3 76.9

61 43.2 36.1 54.1



#30

Cyclohexane

Concen: 4.154 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

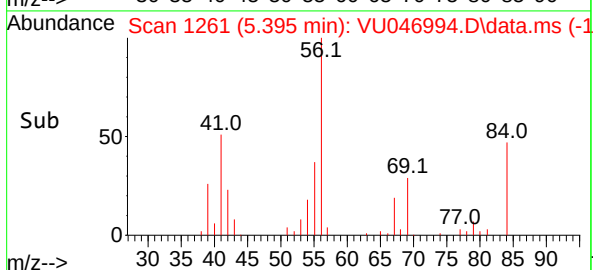
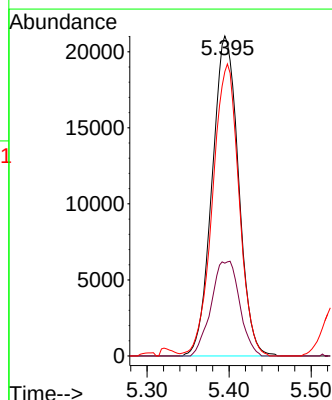
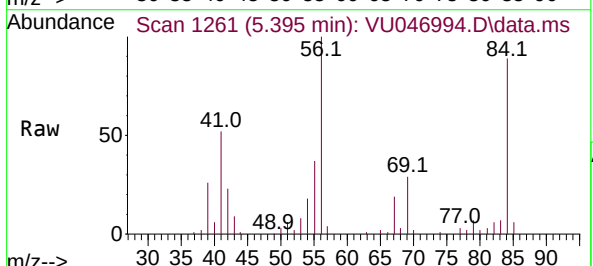
Tgt Ion: 56 Resp: 46901

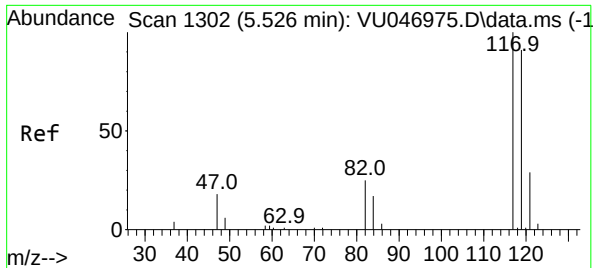
Ion Ratio Lower Upper

56 100

69 31.9 24.7 37.1

84 91.6 71.8 107.6

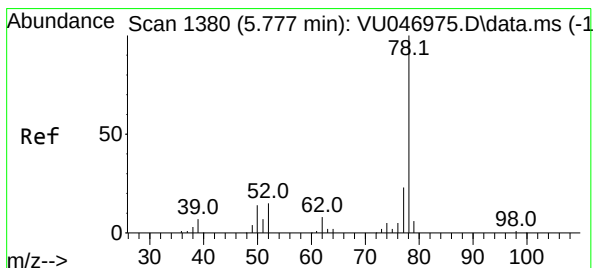
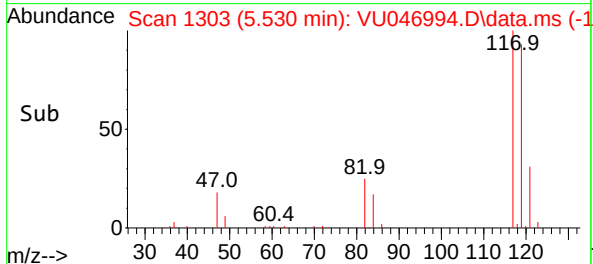
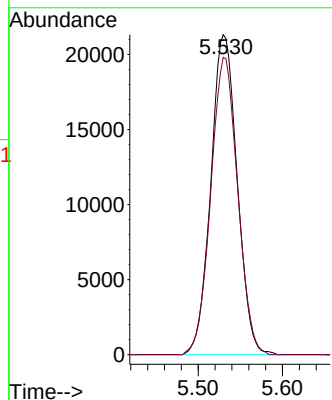
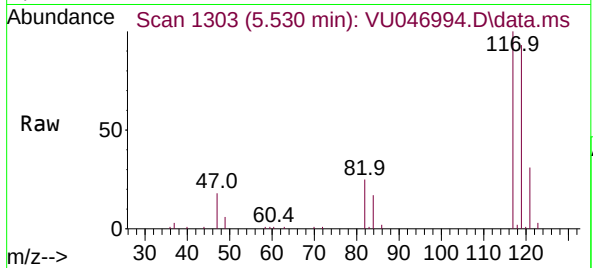




#31
Carbon tetrachloride
Concen: 4.847 ug/L
RT: 5.530 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

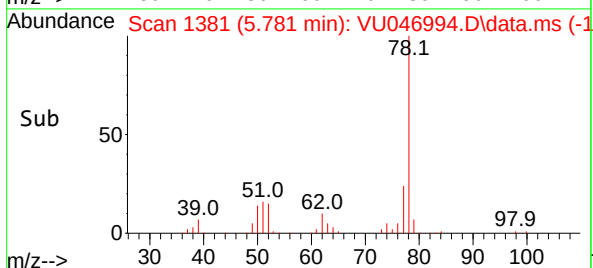
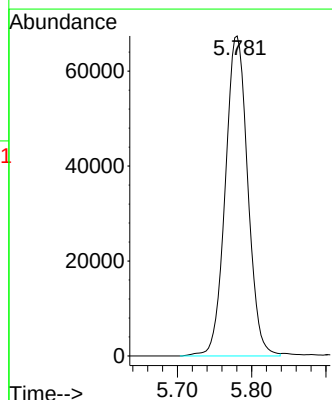
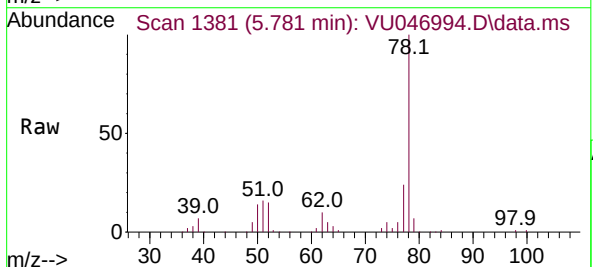
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

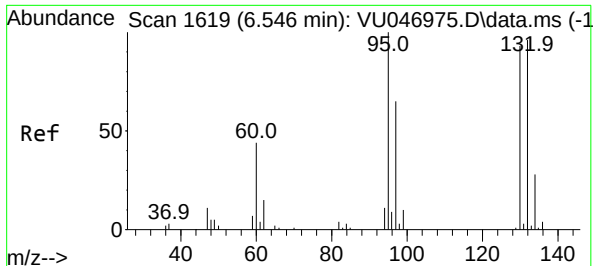
Tgt Ion:117 Resp: 46290
Ion Ratio Lower Upper
117 100
119 94.6 77.5 116.3



#33
Benzene
Concen: 4.871 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion: 78 Resp: 141717



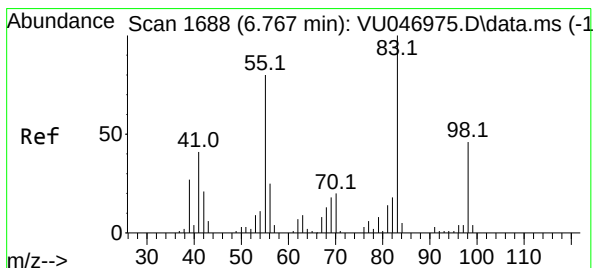
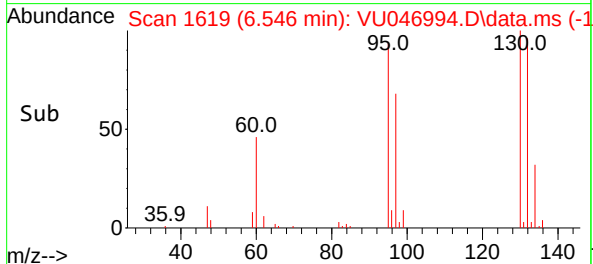
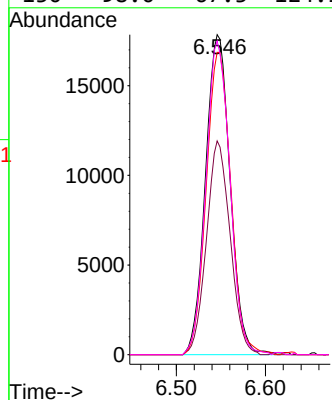
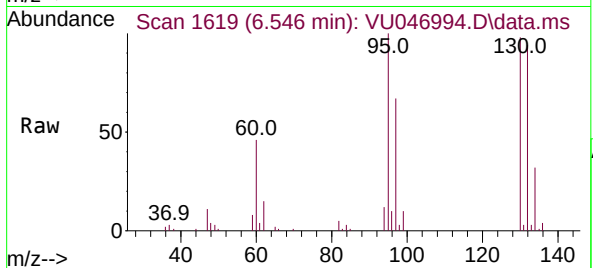


#34
Trichloroethene
Concen: 4.540 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

Tgt Ion: 95 Resp: 34298

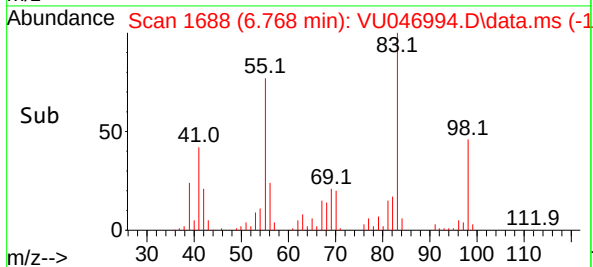
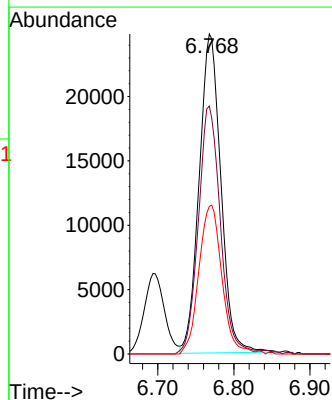
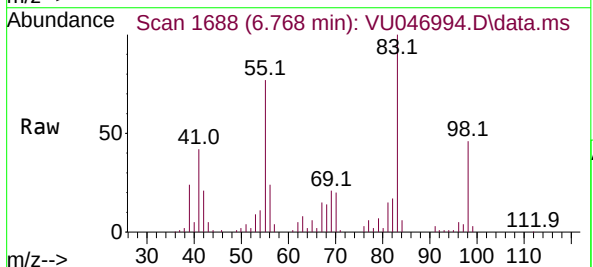
Ion	Ratio	Lower	Upper
95	100		
97	66.8	46.5	86.5
132	94.5	65.1	120.9
130	98.0	67.3	124.9

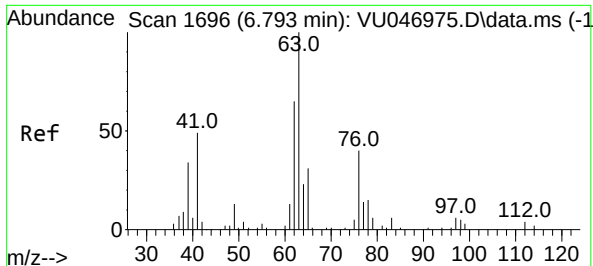


#35
Methylcyclohexane
Concen: 3.891 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion: 83 Resp: 49240

Ion	Ratio	Lower	Upper
83	100		
55	78.7	61.9	92.9
98	49.1	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.286 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

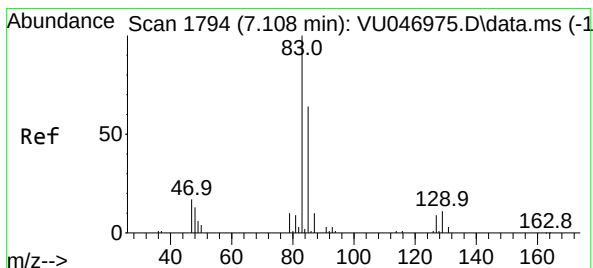
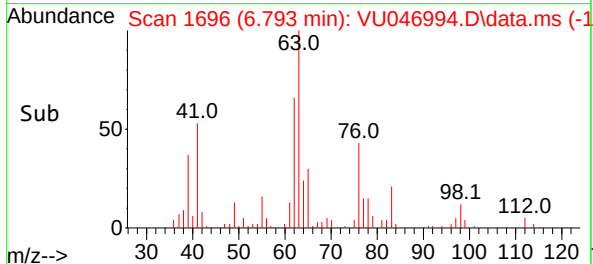
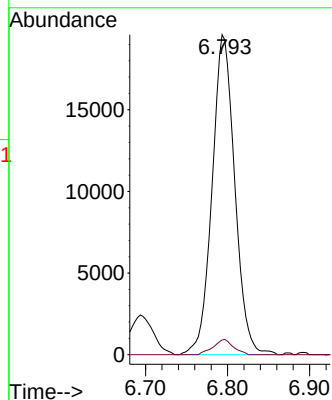
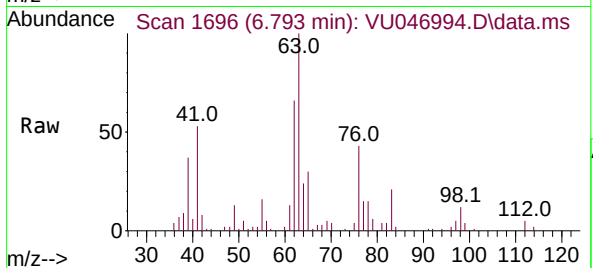
VSTD005184

Tgt Ion: 63 Resp: 37733

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 4.399 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

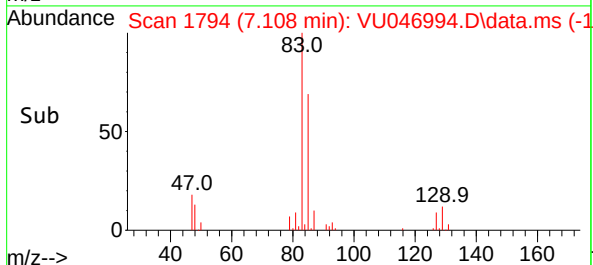
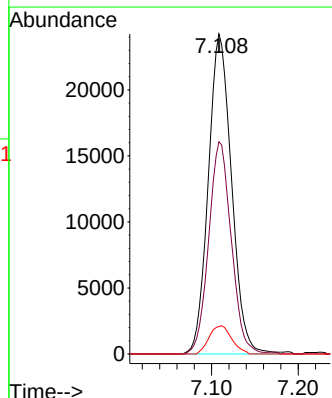
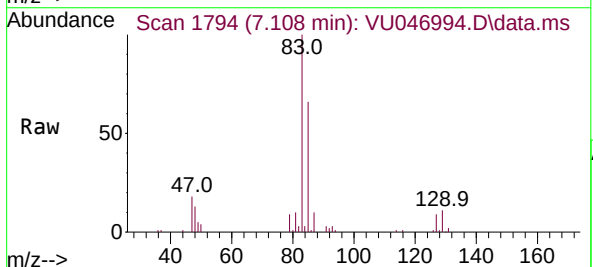
Tgt Ion: 83 Resp: 45184

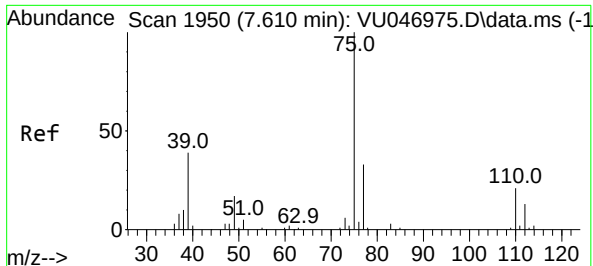
Ion Ratio Lower Upper

83 100

85 66.3 44.0 81.8

127 8.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.190 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

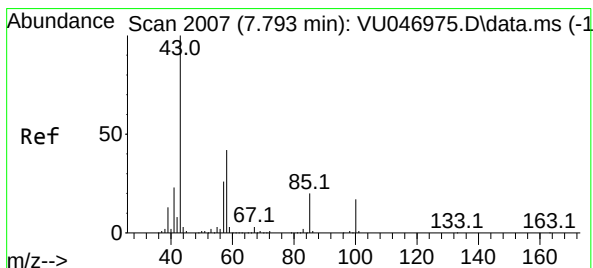
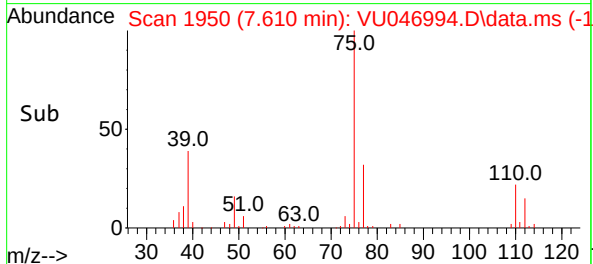
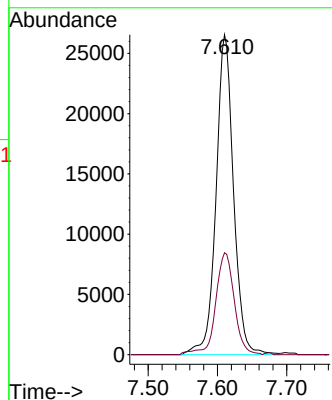
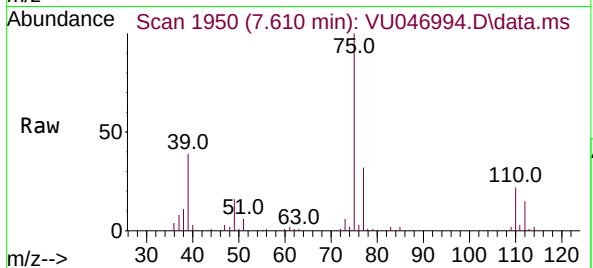
VSTD005184

Tgt Ion: 75 Resp: 46660

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 43.717 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

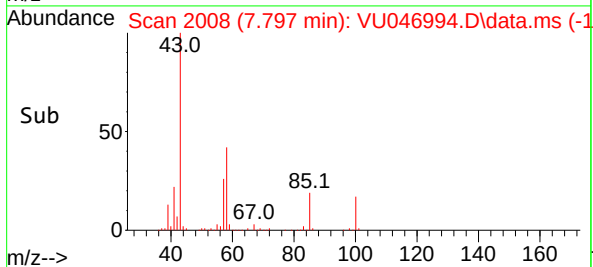
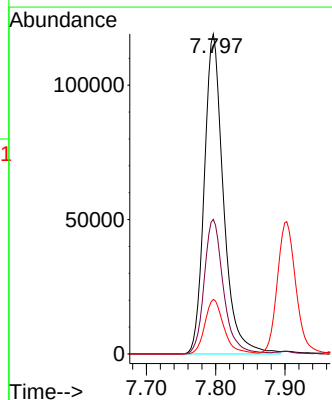
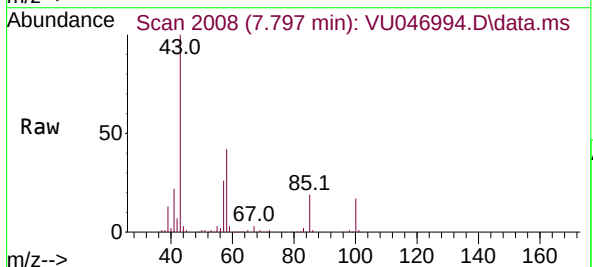
Tgt Ion: 43 Resp: 228762

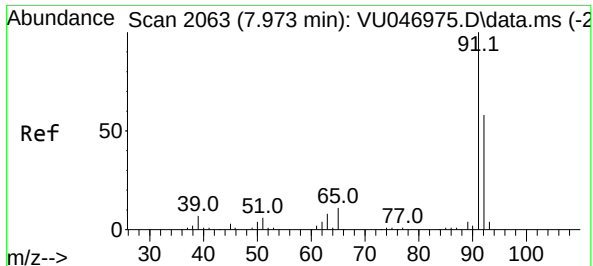
Ion Ratio Lower Upper

43 100

58 42.3 33.1 49.7

100 16.9 13.2 19.8





#42

Toluene

Concen: 4.346 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

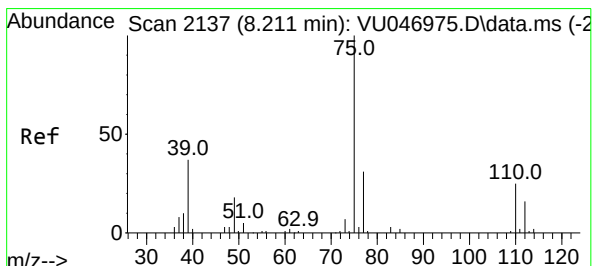
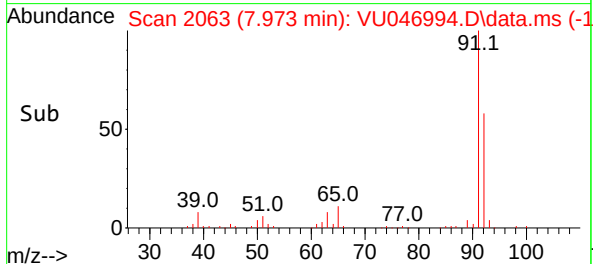
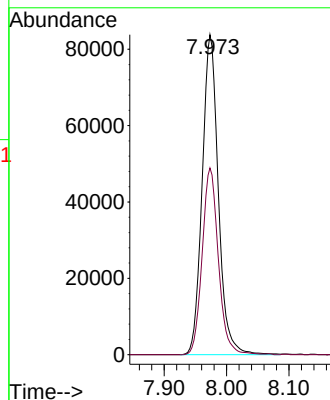
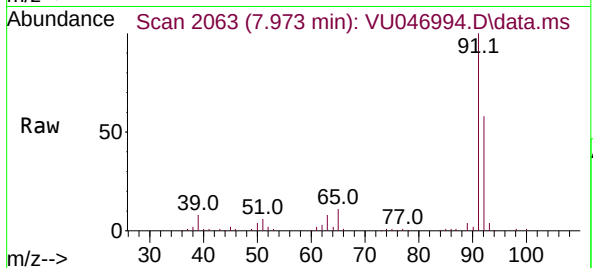
VSTD005184

Tgt Ion: 91 Resp: 151155

Ion Ratio Lower Upper

91 100

92 58.3 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.489 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046994.D

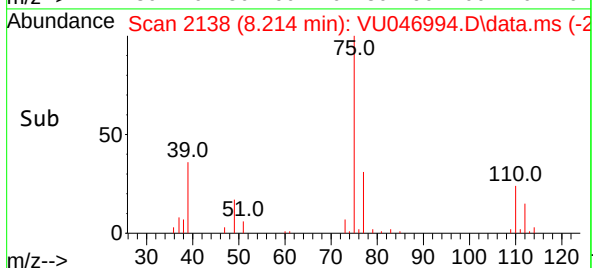
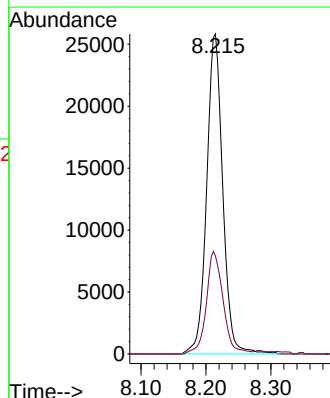
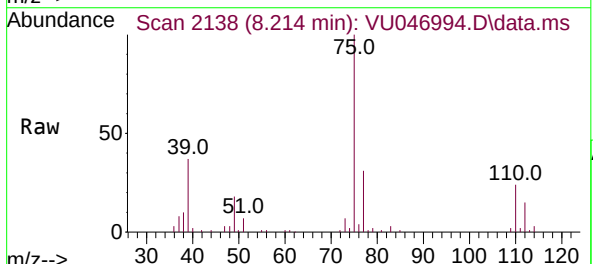
Acq: 02 Feb 2022 11:13

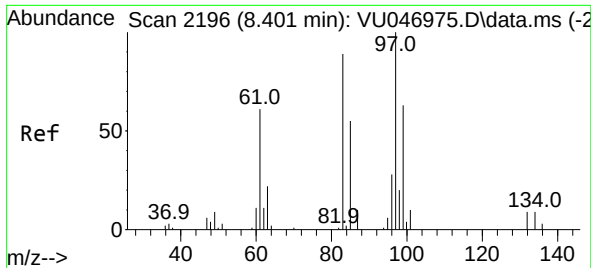
Tgt Ion: 75 Resp: 44539

Ion Ratio Lower Upper

75 100

77 30.6 22.7 42.3

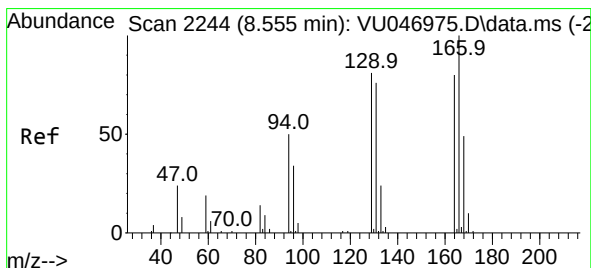
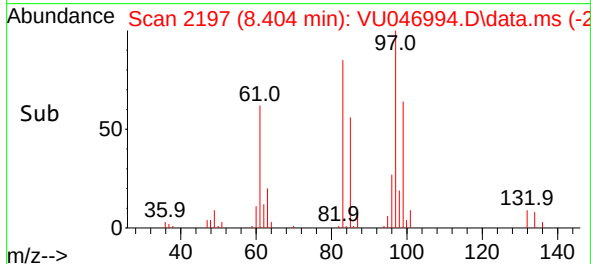
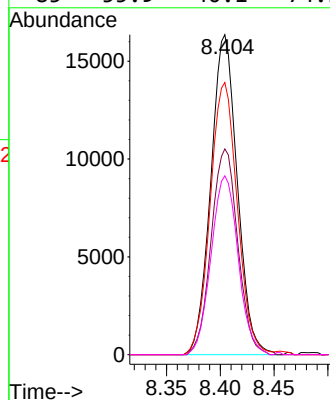
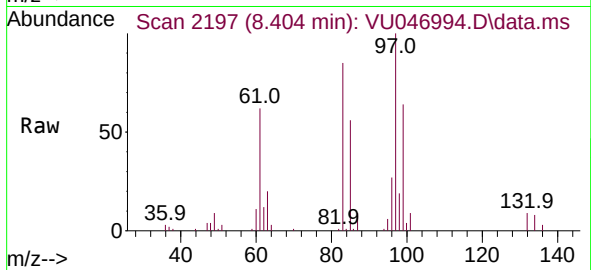




#45
1,1,2-Trichloroethane
Concen: 4.611 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

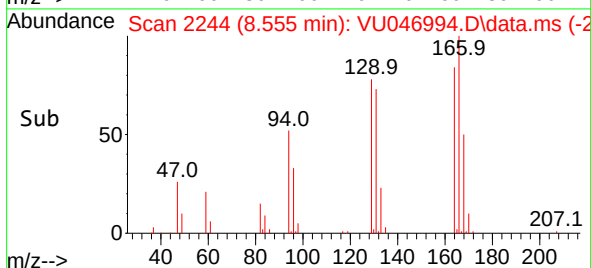
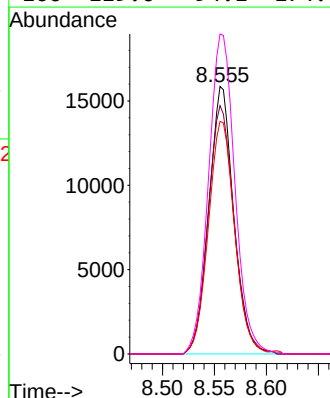
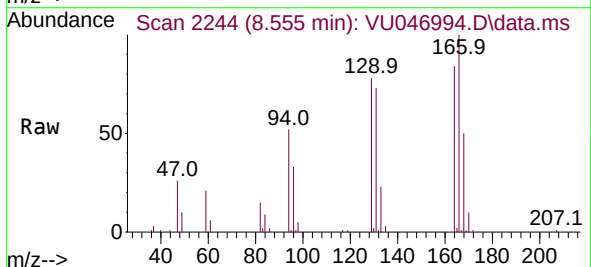
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

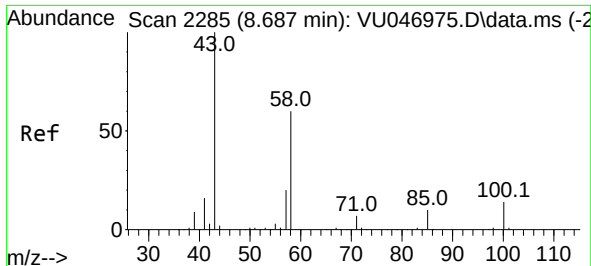
Tgt Ion: 97	Resp: 28002
Ion Ratio	Lower Upper
97 100	
99 64.3	42.3 78.5
83 85.0	62.0 115.2
85 55.9	40.1 74.5



#47
Tetrachloroethene
Concen: 4.314 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt	Ion:164	Resp:	26507
Ion	Ratio	Lower	Upper
164	100		
129	92.9	71.8	133.4
131	87.0	68.5	127.3
166	119.6	94.1	174.8



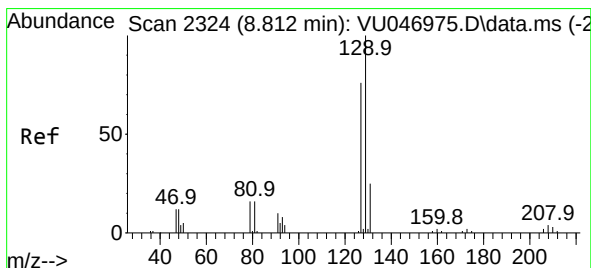
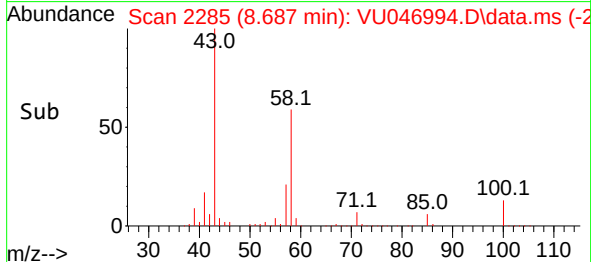
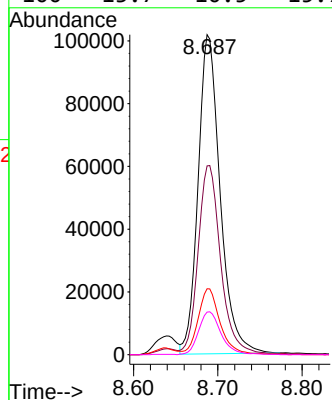
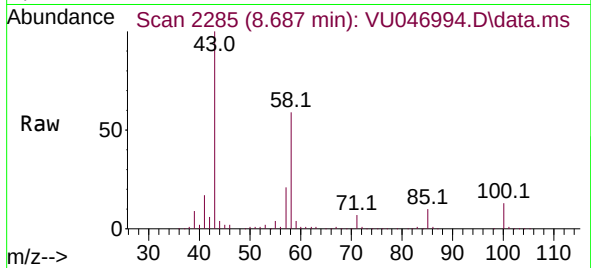


#48
2-Hexanone
Concen: 46.980 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

Tgt Ion: 43 Resp: 185559

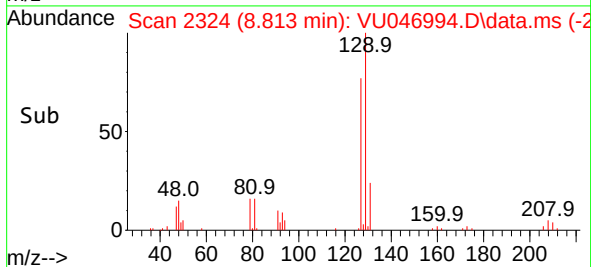
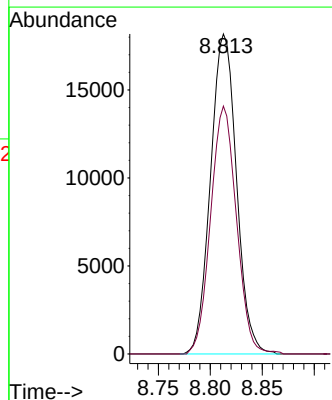
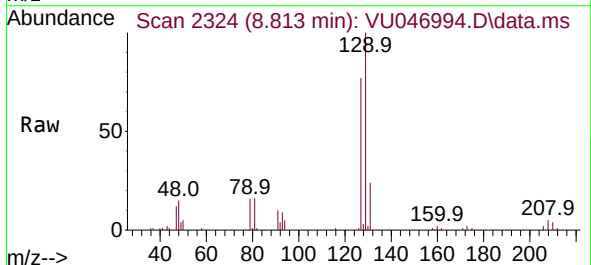
Ion	Ratio	Lower	Upper
43	100		
58	60.4	46.7	70.1
57	21.0	16.3	24.5
100	13.7	10.5	15.7

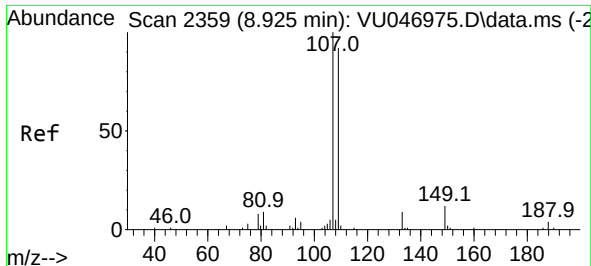


#49
Dibromochloromethane
Concen: 4.416 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion: 129 Resp: 31636

Ion	Ratio	Lower	Upper
129	100		
127	77.4	55.4	102.8





#50

1,2-Dibromoethane

Concen: 4.485 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD005184

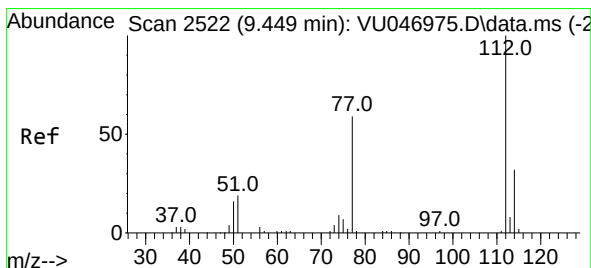
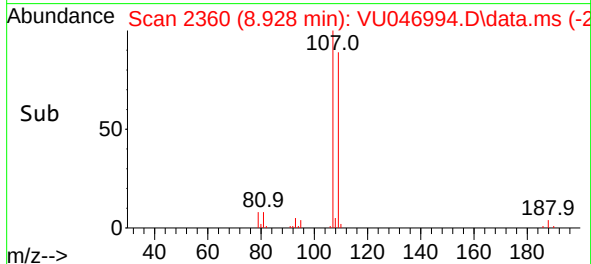
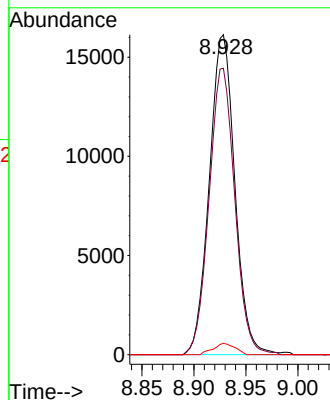
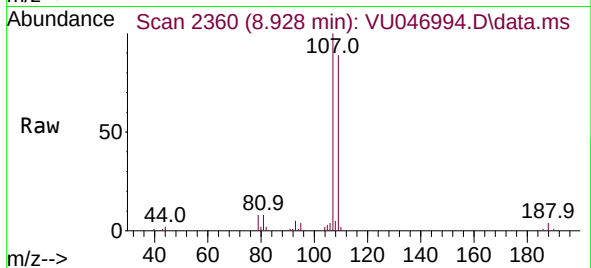
Tgt Ion:107 Resp: 27605

Ion Ratio Lower Upper

107 100

109 89.5 64.0 119.0

188 3.6 2.4 3.6



#51

Chlorobenzene

Concen: 4.542 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

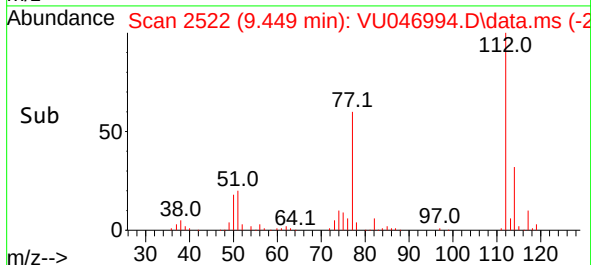
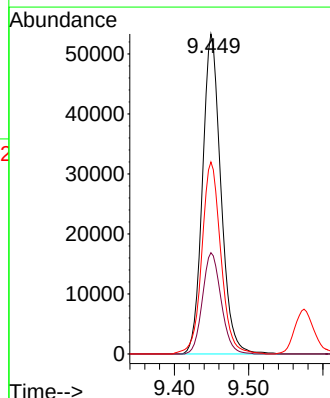
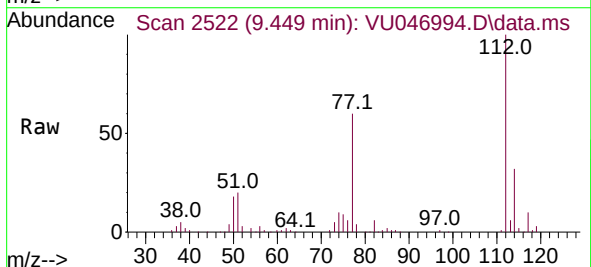
Tgt Ion:112 Resp: 91734

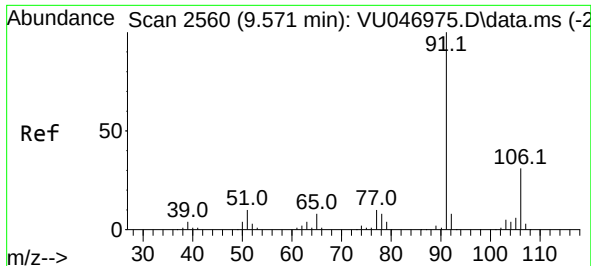
Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 60.0 48.3 72.5

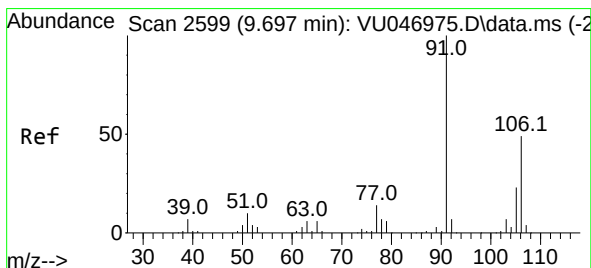
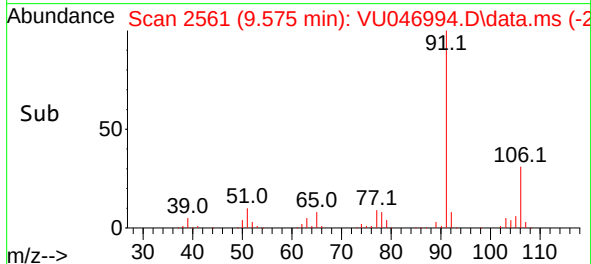
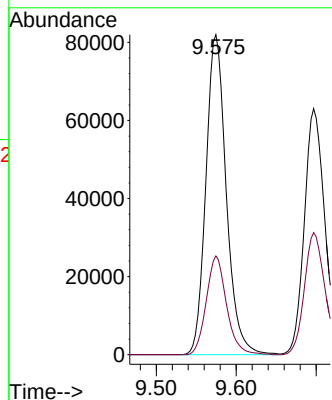
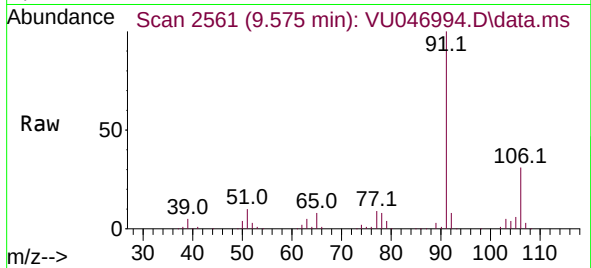




#52
Ethylbenzene
Concen: 4.394 ug/L
RT: 9.575 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

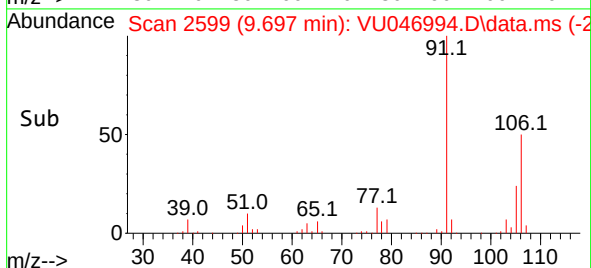
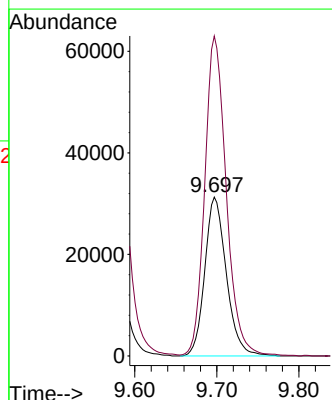
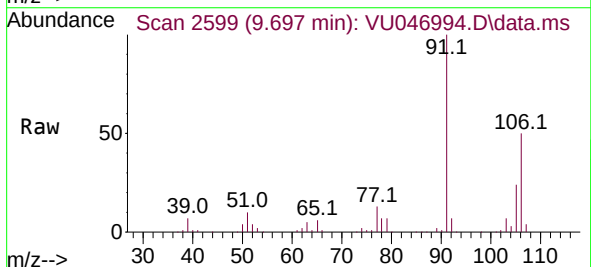
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

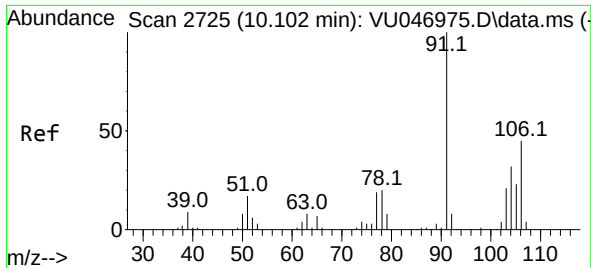
Tgt Ion: 91 Resp: 145270
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 4.338 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion:106 Resp: 57174
Ion Ratio Lower Upper
106 100
91 201.4 139.4 259.0

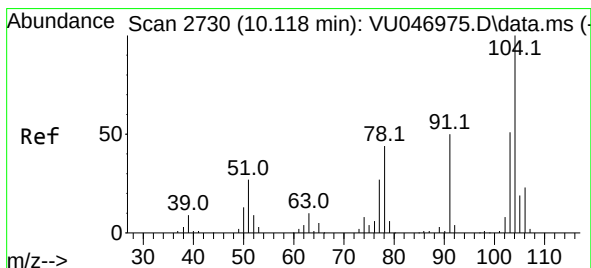
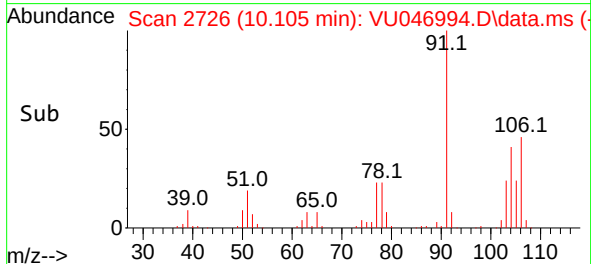
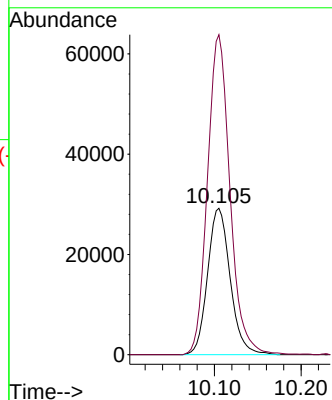
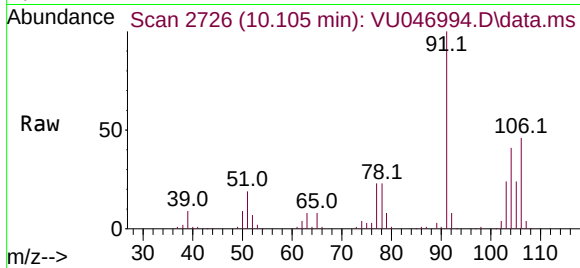




#54
o-Xylene
Concen: 4.152 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

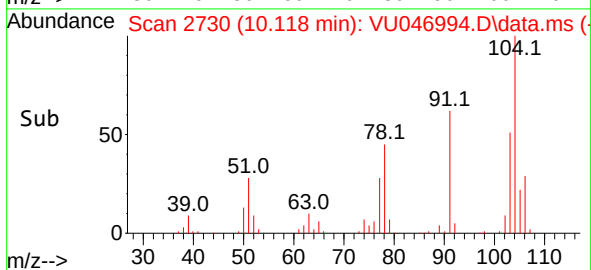
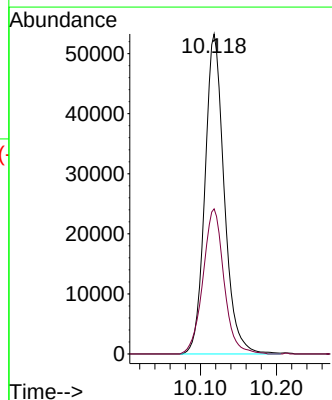
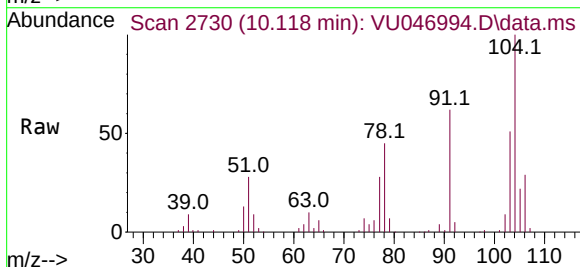
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

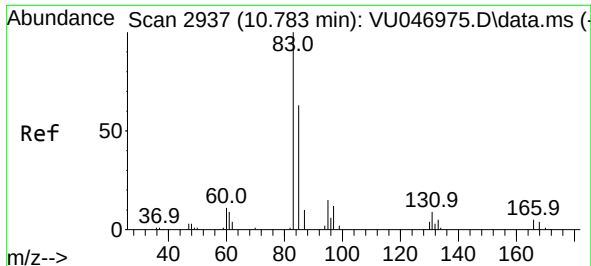
Tgt Ion:106 Resp: 53041
Ion Ratio Lower Upper
106 100
91 218.6 147.5 273.9



#55
Styrene
Concen: 4.492 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion:104 Resp: 93888
Ion Ratio Lower Upper
104 100
78 45.3 33.0 61.4

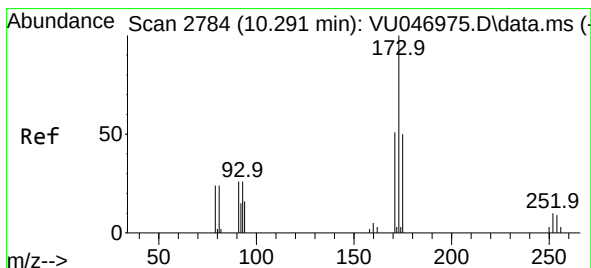
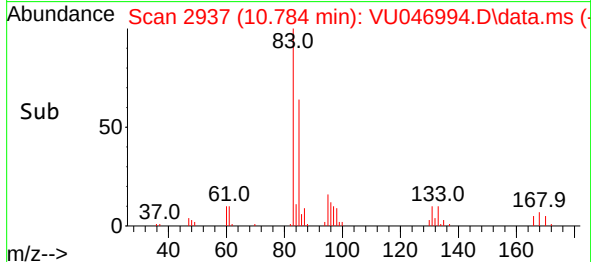
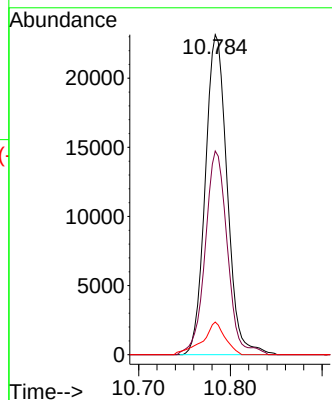
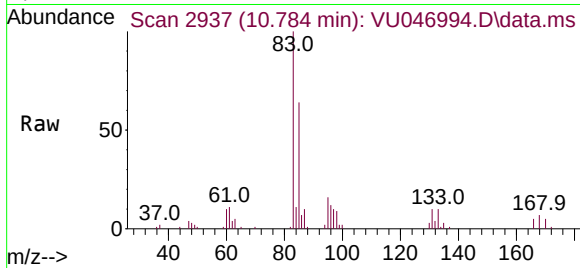




#57
1,1,2,2-Tetrachloroethane
Concen: 4.686 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

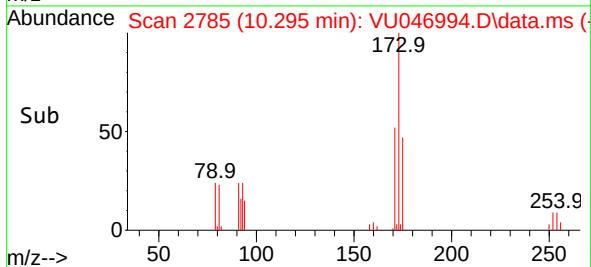
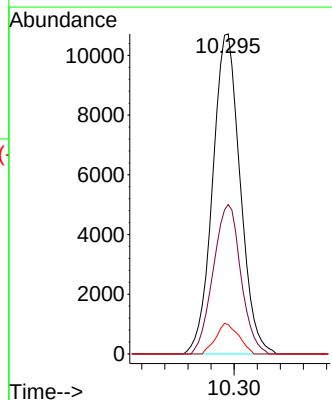
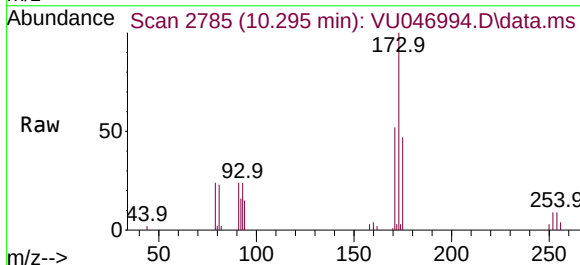
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

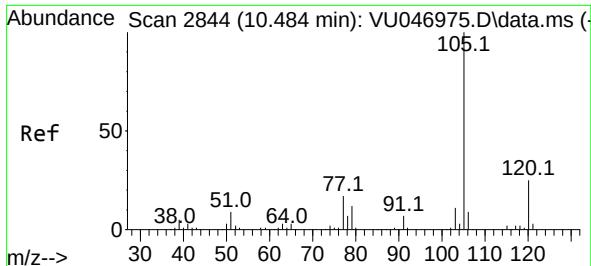
Tgt Ion: 83 Resp: 38265
Ion Ratio Lower Upper
83 100
85 63.7 47.9 89.1
131 10.2 8.1 12.1



#59
Bromoform
Concen: 4.304 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion: 173 Resp: 17721
Ion Ratio Lower Upper
173 100
175 46.8 37.8 56.6
254 7.9 7.3 10.9

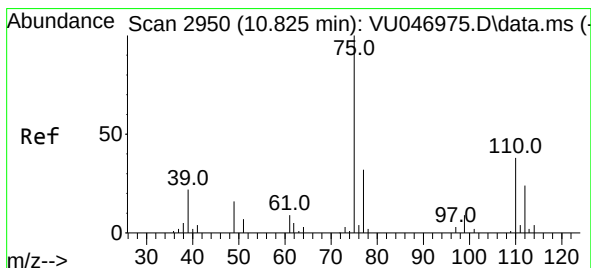
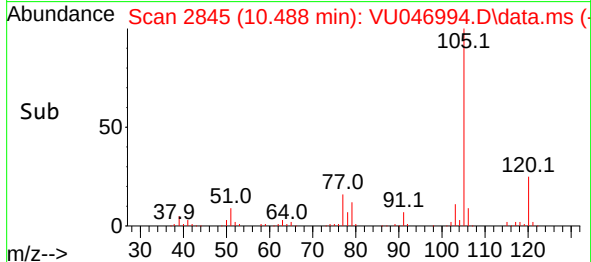
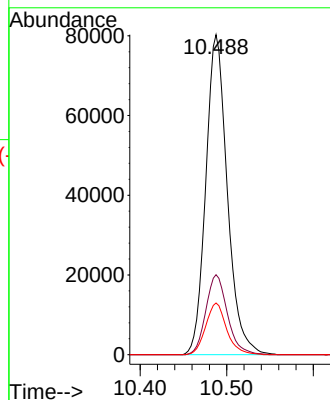
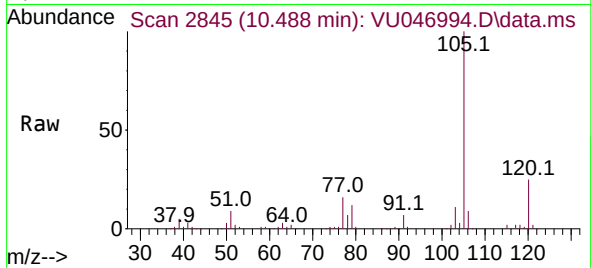




#60
Isopropylbenzene
Concen: 4.453 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

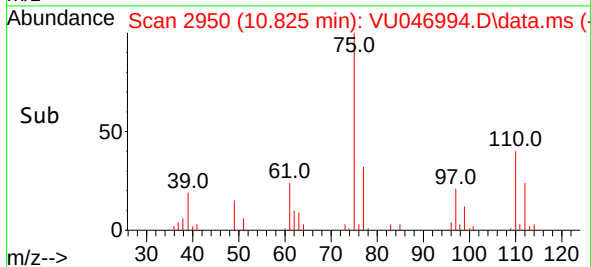
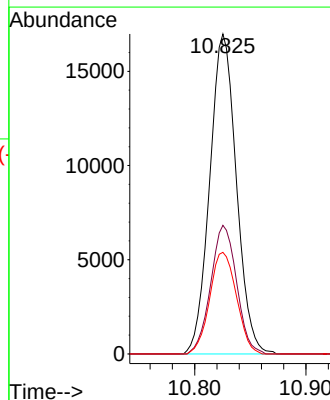
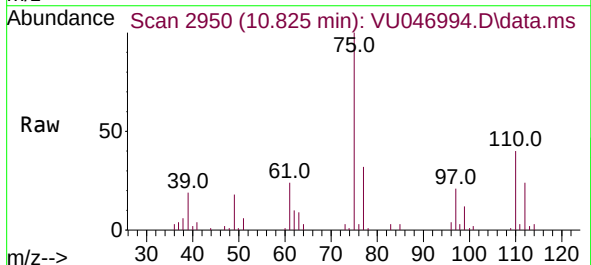
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

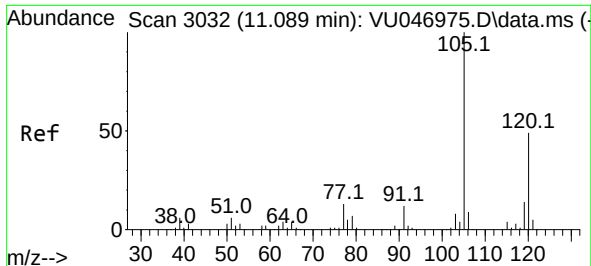
Tgt Ion:105 Resp: 138701
Ion Ratio Lower Upper
105 100
120 25.0 20.7 31.1
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.981 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion: 75 Resp: 28216
Ion Ratio Lower Upper
75 100
110 39.1 29.9 44.9
77 31.9 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 3.939 ug/L

RT: 11.092 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

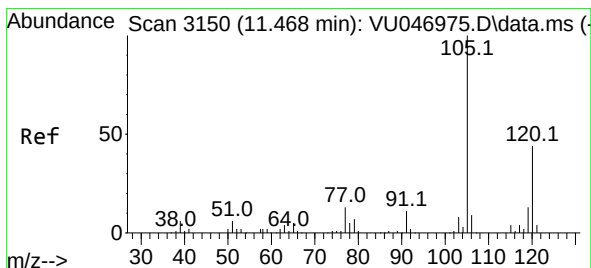
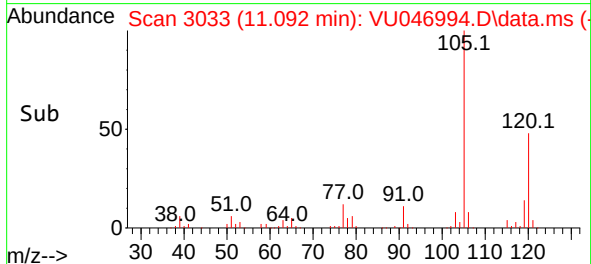
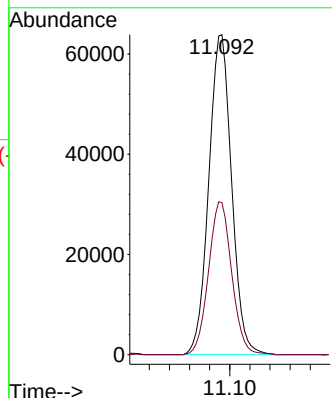
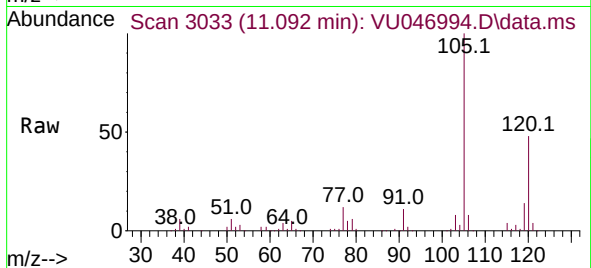
VSTD005184

Tgt Ion:105 Resp: 100712

Ion Ratio Lower Upper

105 100

120 48.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 3.999 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU046994.D

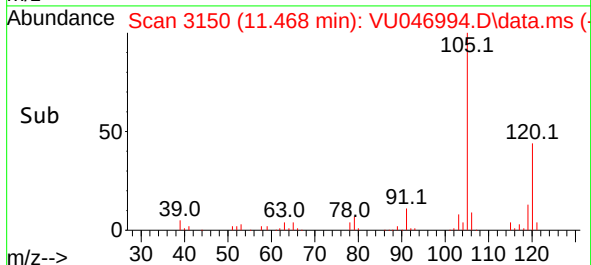
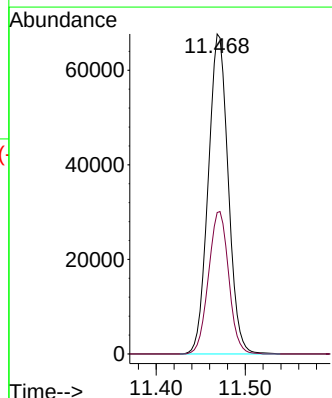
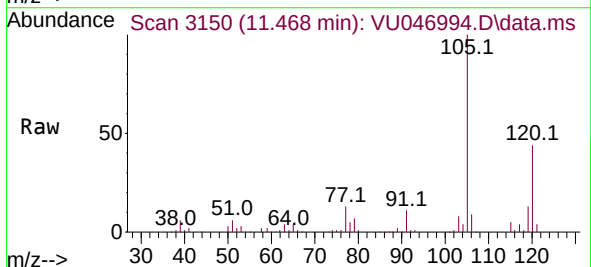
Acq: 02 Feb 2022 11:13

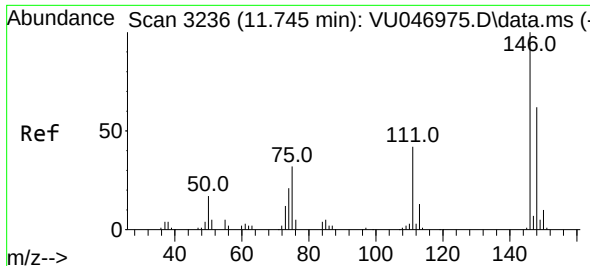
Tgt Ion:105 Resp: 105209

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

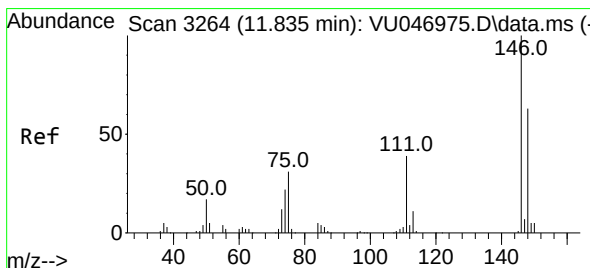
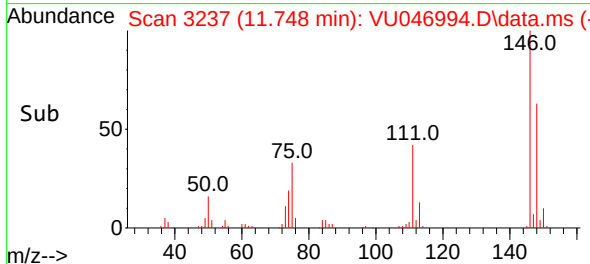
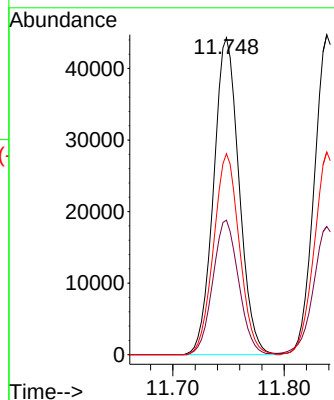
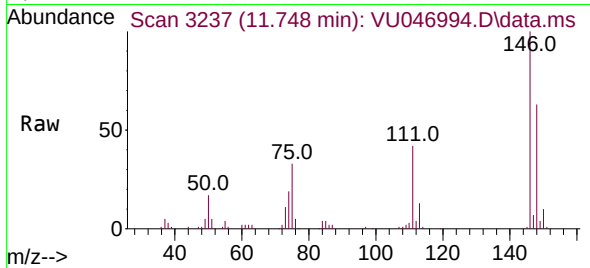




#64
1,3-Dichlorobenzene
Concen: 4.528 ug/L
RT: 11.748 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

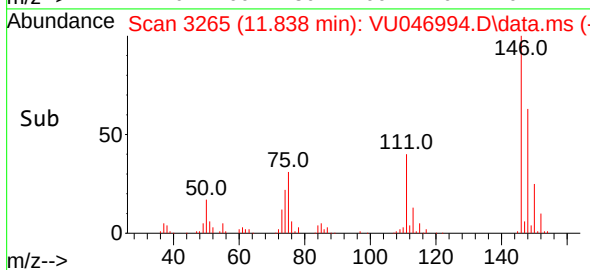
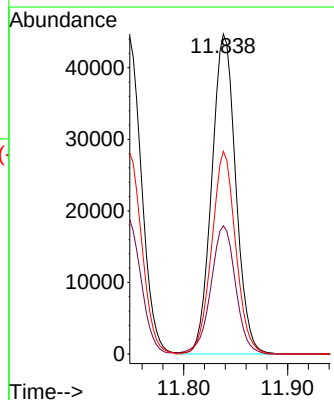
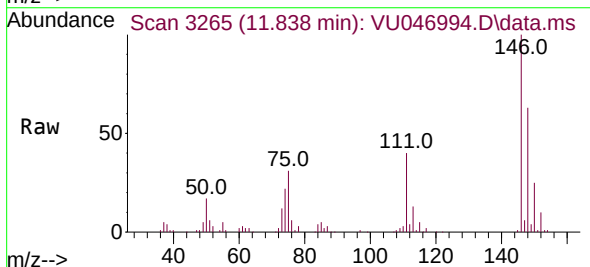
Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

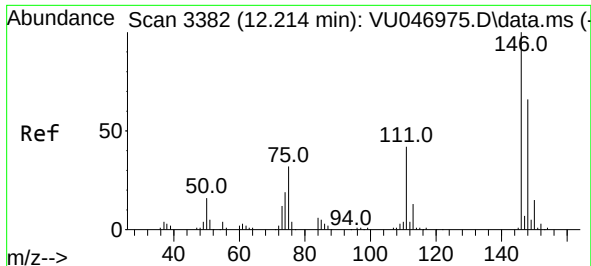
Tgt Ion:146 Resp: 70494
Ion Ratio Lower Upper
146 100
111 42.4 29.9 55.5
148 63.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.580 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion:146 Resp: 71766
Ion Ratio Lower Upper
146 100
111 40.0 28.7 53.3
148 63.4 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.512 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.003 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD005184

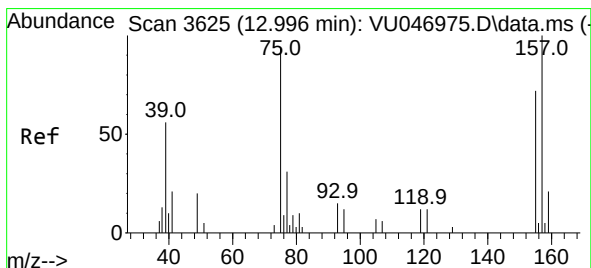
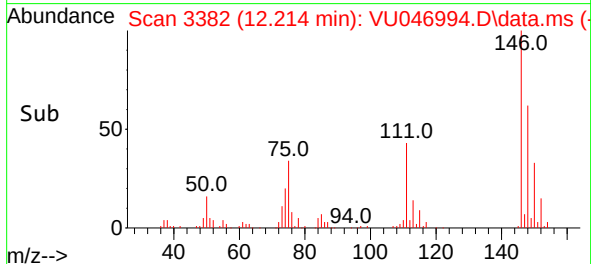
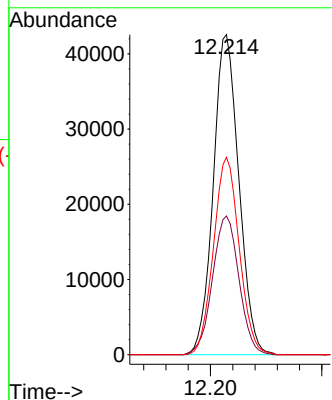
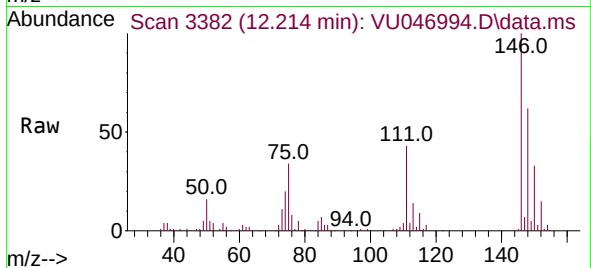
Tgt Ion:146 Resp: 67939

Ion Ratio Lower Upper

146 100

111 43.3 35.4 53.0

148 61.7 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.507 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU046994.D

Acq: 02 Feb 2022 11:13

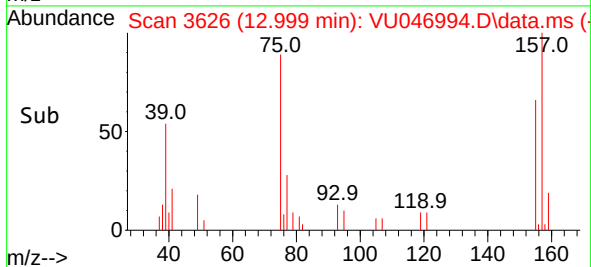
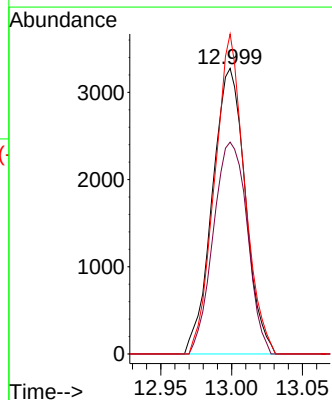
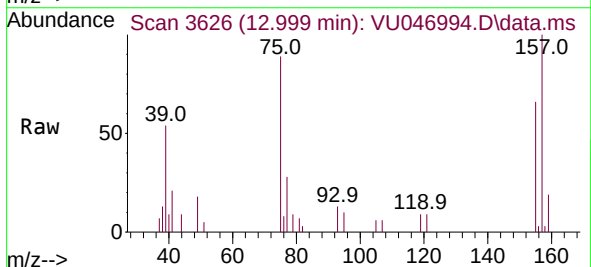
Tgt Ion: 75 Resp: 5300

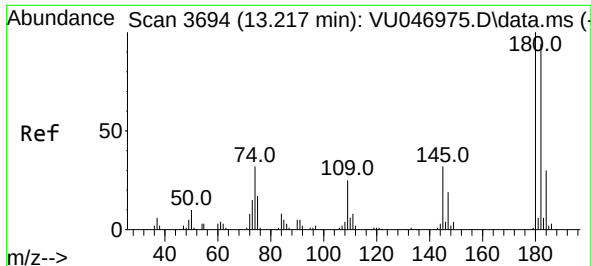
Ion Ratio Lower Upper

75 100

155 74.2 59.2 88.8

157 112.1 76.5 114.7

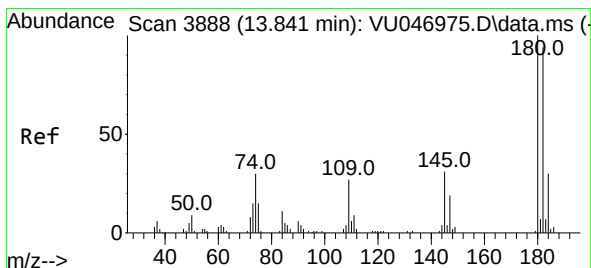
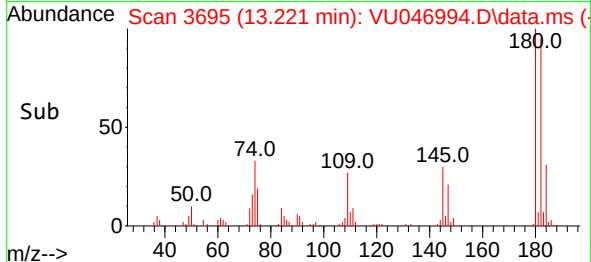
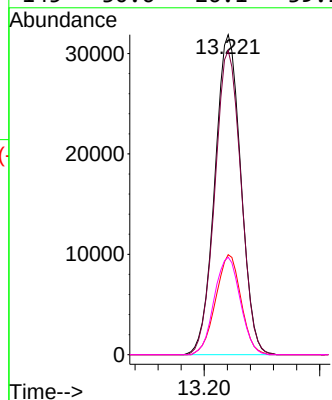
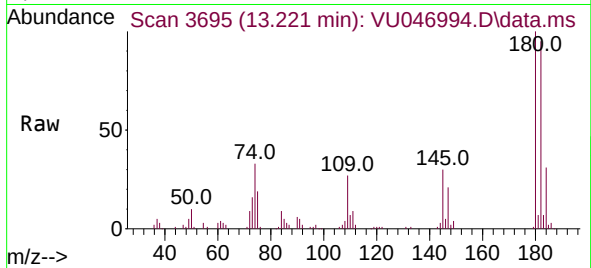




#69
 1,3,5-Trichlorobenzene
 Concen: 4.057 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046994.D
 Acq: 02 Feb 2022 11:13

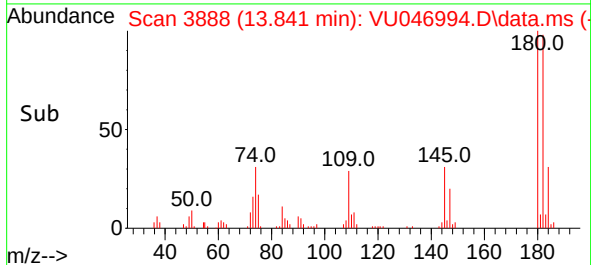
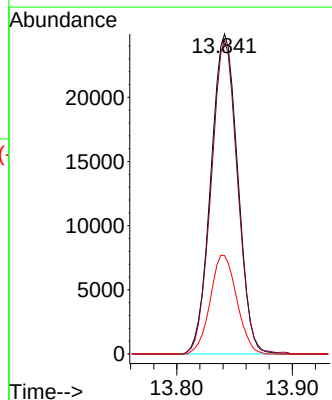
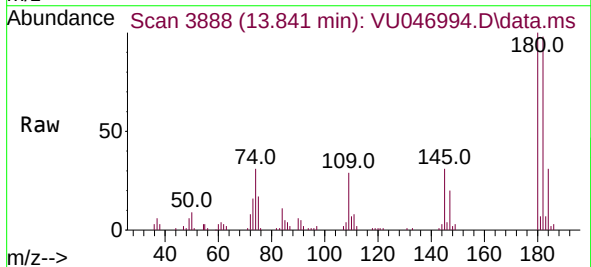
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

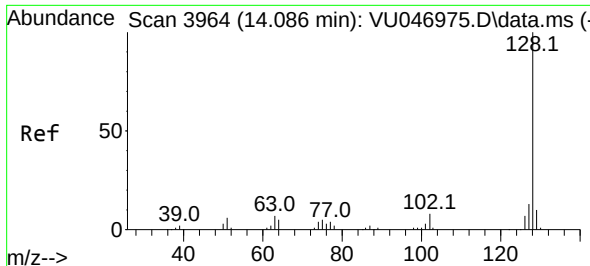
Tgt Ion:180	Resp:	49796
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.1 114.1
184	30.5	25.0 37.4
145	30.6	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 3.921 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046994.D
 Acq: 02 Feb 2022 11:13

Tgt Ion:180	Resp:	40230
Ion Ratio	Lower	Upper
180	100	
182	96.4	76.4 114.6
145	30.6	25.6 38.4

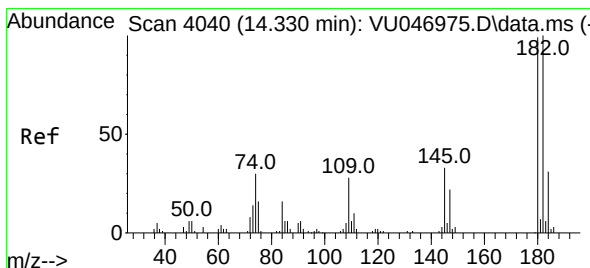
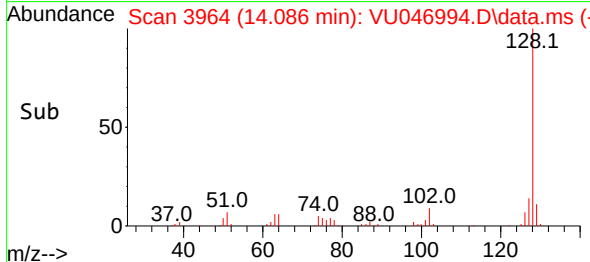
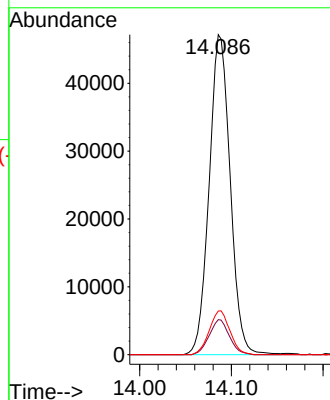
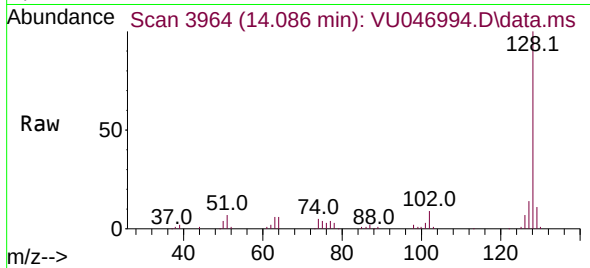




#71
Naphthalene
Concen: 3.594 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD005184

Tgt Ion:128	Resp:	75089
Ion	Ratio	Lower Upper
128	100	
129	10.5	8.4 12.6
127	13.4	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.099 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046994.D
Acq: 02 Feb 2022 11:13

Tgt Ion:180	Resp:	39726
Ion	Ratio	Lower Upper
180	100	
182	99.5	76.2 114.4
145	35.1	28.4 42.6

